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Building Single Page Application Using Asp Net Core Angular

*Develop smaller, lighter web apps
that are simple to create and easy*

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to test, extend, and maintain as they grow. This hands-on guide introduces you to AngularJS, the open source JavaScript framework that uses Model-view-controller (MVC) architecture, data binding, client-side templates, and dependency

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injection to create a much-needed structure for building web apps. Guided by two engineers who worked on AngularJS at Google, you'll walk through the framework's key features, and then build a working AngularJS app—from

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layout to testing, compiling, and debugging. If you have JavaScript experience, you'll learn how AngularJS helps reduce the complexity of your web app. Dive deep into Angular's building blocks and learn how they work together Gain maximum

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***flexibility by separating logic,
data, and presentation
responsibilities with MVC
Assemble your full app in the
browser, using client-side
templates Use AngularJS
directives to extend HTML with
declarative syntax Communicate***

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*with the server and implement
simple caching with the \$http
service Use dependency injection
to improve refactoring,
testability, and multiple
environment design Get code
samples for common problems
you face in most web apps*

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***From Angular core team member
and creator of the router About
This Book* Written by the creator
of the Angular router, giving you
the best information straight
from the source* Get full
coverage of the entire Angular
Router library and understand***

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exactly how every command works* Essential for all serious users of Angular who need to manage states within their applications
Who This Book Is For
To get the most from this book, you should already have a good understanding of Angular

File Type PDF Building Single
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and general web

development. What You Will

Learn* Understand the role of the

Angular router and how to make

the most of it* Build and parse

complex URLs* Learn about the

componentless and empty-path

routes* Take control of states in

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***your application* Make use of
imperative navigation****

***Understand guards and how they
can benefit your applications****

***Optimize configuration and run
tests on your routingIn***

***DetailManaging state transitions
is one of the hardest parts of***

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building applications. This is especially true on the web, where you also need to ensure that the state is reflected in the URL. In addition, you might want to split applications into multiple bundles and load them on demand. Doing this transparently

isn't easy. The Angular router solves these problems. Using the router, you can declaratively specify application states, manage state transitions while taking care of the URL, and load bundles on demand. This book is a complete description of the

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Angular router written by its designer. It goes far beyond a how-to-get-started guide and talks about the library in depth. The mental model, design constraints, and the subtleties of the API-everything is covered. You'll learn in detail how to use

the router in your own applications. Predominantly, you'll understand the inner workings of the router and how you can configure it to work with any edge cases you come across in your sites. Throughout the book, you'll see examples from

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real-world use in the MailApp application. You can view the full source of this application and see how the router code works to manage the state of the application and define what is visible on screen. Reading this book will give you deep insights

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into why the router works the way it does and will make you an Angular router expert. Style and approach This is an extremely practical book full of code examples and descriptions to help you understand the inner workings of the Angular router.

Isomorphic JavaScript, often described as the holy grail of web application development, refers to running JavaScript code on both the browser client and web application server. This application architecture has become increasingly popular for

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the benefits of SEO, optimized page load and full control of the UI, and isomorphic libraries are being used at companies like Walmart, Airbnb, Facebook, and Netflix. With this practical book, authors Jason Strimpel and Maxime Najim provide the

knowledge you need to build and maintain your own isomorphic JavaScript apps. This book includes: Part 1 identifies different classifications of isomorphic JavaScript apps, and shows you how to set up a development environment Part 2

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***takes you from theory to practice
by showing you how to build out
your own isomorphic app Part 3
takes you through existing
solutions in the market today,
providing you with the knowledge
you need to bring isomorphic
solutions into your development***

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workflow

Summary Get Programming with Node.js teaches you to build web servers using JavaScript and Node. In this engaging tutorial, you'll work through eight complete projects, from writing the code for your first web server

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***to adding live chat to a web app.
Your hands will stay on the
keyboard as you explore the most
important aspects of the Node
development process, including
security, database management,
authenticating user accounts,
and deploying to production.***

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You'll especially appreciate the easy-to-follow discussions, illuminating diagrams, and carefully explained code! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the

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Technology Node.js delivers the speed and reliability you need for ecommerce, social media, and gaming applications. It comes with thousands of prebuilt packages to help you get started immediately. If you want to use JavaScript on the server, Node.js

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***is your choice. What's inside New
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Creating data models Debugging
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developers with intermediate
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Lightweight Django

***Pro Single Page Application
Development***

Using Backbone.js and ASP.NET

***Create a Single Page App with
Blazor Server and Entity***

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***Framework Core (English
Edition)***

***Robust Web Architecture with
Node, HTML5, and Modern JS
Libraries***

Building Web Apps with Ember.js

The official book on the Rust
programming language, written

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by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write

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faster, more reliable software.

Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The

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authors of The Rust Programming Language, members of the Rust Core Team, share their knowledge and experience to show you how to take full advantage of Rust's features--from installation to creating robust and scalable

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programs. You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as:

- Ownership and borrowing, lifetimes, and traits
- Using Rust's

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memory safety guarantees to build fast, safe programs • Testing, error handling, and effective refactoring • Generics, smart pointers, multithreading, trait objects, and advanced pattern matching • Using Cargo,

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Rust's built-in package manager, to build, test, and document your code and manage dependencies • How best to use Rust's advanced compiler with compiler-led programming techniques You'll find plenty of code examples

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throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this

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edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

Don't waste your time building an application server. See how to

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build low-cost, low-maintenance, highly available, serverless single page web applications that scale into the millions of users at the click of a button. Build well-tested single page apps that are safe from malicious attacks and adapt

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to any device or network connected to the web. Avoid messing around with middle-tier infrastructure and get right to the web app your customers want. You don't need to manage your own servers to build powerful web

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applications--the Internet will do that for you. This book will show you how to create a single page app that runs entirely on web services, scales to millions of users, and costs less per day than a cup of coffee. Using a web

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browser, a prepared workspace, and your favorite editor, you'll build a complete single page web application, step by step. Deploy your application quickly using Amazon S3. Learn the fundamental technologies behind

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modern single page apps, and use web standards to create lean web applications that can take advantage of the newest technologies. Connect with providers like Google and Facebook to manage user

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identities. Read and write user data directly from the browser using a web service database. Learn how to defend your application against common security threats. Whether you've never built a web application

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before or you're a seasoned web developer who's just looking for an alternative to complex server-side web frameworks, this book describes a simple approach to building serverless web applications that you can easily

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apply or adapt for your own projects. What You Need: To follow the tutorial in this book, you'll need a computer with a web browser. You'll also need a text editor and a git client. Building this web application will require

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some sort of development web server. You can use your own, or you can also use the one included with the tutorial's prepared workspace. The included web server requires Ruby 2.0, although we also suggest few

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alternatives. To get started quickly, you need a basic understanding of HTML, CSS, and JavaScript. If you're new to these topics, you can get up to speed using links we'll provide in the Introduction.

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If you're a web developer interested in building scalable single-page applications—full-stack, browser-based apps that connect to a backend—this practical guide shows you how to use Ember.js, the popular

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JavaScript framework based on the model-view-controller (MVC) architectural pattern. Through the course of the book, you'll learn how to build a prototype Ember application (a musician index called Rock'n'Roll Call), using

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routers, templates, models, controllers, and views. You'll also understand how Ember's convention over configuration approach helps you persist data, build backend technologies, and create widgets for developing

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production-capable applications that behave like desktop software. Set up workflow management and boilerplate code creation Learn how Ember's "developer ergonomics" help you use less code Write templates for the

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book's prototype with Handlebars.js Use routers to manage application states without reloading the page Connect controllers and views with events, and sync data with data-binding Build an Ember backend with a

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RESTful API or Ruby on Rails Use the Ember-Data library to persist data and talk to the backend Write reusable encapsulated widgets to extend your applications How can you take advantage of the Django framework to

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integrate complex client-side interactions and real-time features into your web applications?

Through a series of rapid application development projects, this hands-on book shows experienced Django developers

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how to include REST APIs, WebSockets, and client-side MVC frameworks such as Backbone.js into new or existing projects. Learn how to make the most of Django's decoupled design by choosing the components you

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need to build the lightweight applications you want. Once you finish this book, you'll know how to build single-page applications that respond to interactions in real time. If you're familiar with Python and JavaScript, you're

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good to go. Learn a lightweight approach for starting a new Django project Break reusable applications into smaller services that communicate with one another Create a static, rapid prototyping site as a scaffold for

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websites and applications Build a REST API with django-rest-framework Learn how to use Django with the Backbone.js MVC framework Create a single-page web application on top of your REST API Integrate real-time

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features with WebSockets and the Tornado networking library Use the book's code-driven examples in your own projects

Leveraging the JavaScript Stack
Write Ambitious JavaScript
AngularJS

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Building a Web Application Using
HTML, CSS, and JavaScript

Building Isomorphic JavaScript
Apps

Attention .NET developers
who no longer want to use

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JavaScript for your front end. Quickly and efficiently learn how to use C# for your single-page application (SPA) thanks to Blazor. Today's reality is that most

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modern applications are web-based and if you want the same user experience as a desktop application, you need to be able to create a single-page application. While there

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are multiple frameworks and libraries to choose from (including Angular, React, and VueJS), you still need to know how to code in JavaScript. But now there is another

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option from Microsoft.

Blazor is an open-source framework that enables developers to create web applications using C# and HTML, and everything you need to get started is

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covered in this guide. You will learn the steps, through build-along coding examples, that will allow you to use the same language for both the front end and the back end

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of your application. This book is designed to get you comfortable creating a single-page application in the shortest time possible. Get ready to create a complete business

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application that teaches
and reinforces the skills
you need in a Blazor
production environment.

What You Will Learn

Develop the front end of
an application using C#

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and .NET Core Use this quick-start for .NET developers who need to improve their application with a single-page front end Take a code-first approach that models an

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actual business
application Gain insights
for developing a high-
functioning and
maintainable
application Study guidance
on repurposing your .NET

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skill set Who This Book Is
For C# and .NET developers
who have some experience
in web development
What's the answer to
today's increasingly
complex web applications?

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Micro-frontends. Inspired by the microservices model, this approach lets you break interfaces into separate features managed by different teams of developers. With this

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practical guide, Luca
Mezzalana shows software
architects, tech leads,
and software developers
how to build and deliver
artifacts atomically
rather than use a big bang

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deployment. You'll learn how micro-frontends enable your team to choose any library or framework. This gives your organization technical flexibility and allows you to hire and

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retain a broad spectrum of talent. Micro-frontends also support distributed or colocated teams more efficiently. Pick up this book and learn how to get started with this

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technological breakthrough
right away. Explore
available frontend
development architectures
Learn how microservice
principles apply to
frontend development

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Understand the four pillars for creating a successful micro-frontend architecture Examine the benefits and pitfalls of existing micro-frontend architectures Learn

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principles and best practices for creating successful automation strategies Discover patterns for integrating micro-frontend architectures using

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microservices or a monolith API layer

An in-depth guide to exploring the design, architecture, and techniques behind building sophisticated, scalable,

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and maintainable single-
page applications in
JavaScript About This Book
Build large-scale, feature-
complete SPAs by
leveraging widely used
tools and techniques. Gain

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a solid understanding of architecture and SPA design to build applications using the library or framework of your choice. Explore the various facets of SPA

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development to build web apps that are fast, scalable, and easy to test. Who This Book Is For This book is ideal for JavaScript developers who want to build complex

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single-page applications in JavaScript. Some basic understanding of SPA concepts will be helpful but not essential. What You Will Learn Organize your development

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environment using the command line with NPM, Bower, and Grunt. Choose an accurate design pattern for your app Understand modular JavaScript programming and Node.js

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Interact with a REST API
using JavaScript and AJAX
with practical examples
Build a single page
application using the MEAN
stack Connect your app
across popular social

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media platforms such as Facebook, Twitter, and LinkedIn Test your app, both on the server side and in views Prepare your app for the real world and deploy it to Heroku In

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Detail Single-page web applications—or SPAs, as they are commonly referred to—are quickly becoming the de facto standard for web app development. The fact that a major part of

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the app runs inside a single web page makes it very interesting and appealing. Also, the accelerated growth of browser capabilities is pushing us closer to the

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day when all apps will run entirely in the browser. This book will take your JavaScript development skills to the next level by teaching you to create a single-page application

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within a full-stack

JavaScript environment.

Using only JavaScript, you can go from being a front-end developer to a full-stack application developer with relative

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ease. You will learn to cross the boundary from front-end development to server-side development through the use of JavaScript on both ends. Use your existing

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knowledge of JavaScript by learning to manage a JSON document data store with MongoDB, writing a JavaScript powered REST API with Node.js and Express, and designing a

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front-end powered by AngularJS. This book will teach you to leverage the MEAN stack to do everything from document database design, routing REST web API requests,

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data-binding within views, and adding authentication and security to building a full-fledged, complex, single-page web application. In addition to building a full-stack

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JavaScript app, you will learn to test it with JavaScript-powered testing tools such as Mocha, Karma, and Jasmine. Finally, you will learn about deployment and

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scaling so that you can launch your own apps into the real world. Style and approach Following a structured approach, this book helps readers gain expertise in SPA

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development. Its thorough coverage of SPA architecture and design, along with practical use cases, provides readers with a clear path to building applications with

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the library of their choice. For readers who are afraid to take the plunge straightaway, the book also offers step-by-step guidance on developing a complex web

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If you want to build your site's frontend with the single-page application (SPA) model, this hands-on book shows you how to get the job done with

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Backbone.js. You'll learn how to create structured JavaScript applications, using Backbone's own flavor of model-view-controller (MVC) architecture. Start with

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the basics of MVC, SPA, and Backbone, then get your hands dirty building sample applications—a simple Todo list app, a RESTful book library app, and a modular app with

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Backbone and RequireJS.

Author Addy Osmani, an engineer for Google's

Chrome team, also

demonstrates advanced uses of the framework. Learn

how Backbone.js brings MVC

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benefits to the client-side Write code that can be easily read, structured, and extended Work with the Backbone.Marionette and Thorax extension

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frameworks Solve common problems you'll encounter when using Backbone.js Organize your code into modules with AMD and RequireJS Paginate data for your Collections with

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the Backbone.Paginator plugin Bootstrap a new Backbone.js application with boilerplate code Use Backbone with jQuery Mobile and resolve routing problems between the two

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Unit-test your Backbone
apps with Jasmine, QUnit,
and SinonJS

ReactJS by Example -
Building Modern Web
Applications with React
Fast, Scalable, and

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Available

Building a Web App with Blazor and ASP .Net Core
Build a Full-Featured Web Application from Scratch Using AngularJS with Spring RESTful

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JavaScript end-to-end Building Single-Page Applications Using ASP.NET Core JavaScriptServices Learn how to build dynamic web applications with Express, a key component of

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the Node/JavaScript development stack. In this hands-on guide, author Ethan Brown teaches you the fundamentals through the development of a fictional application that

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exposes a public website and a RESTful API. You'll also learn web architecture best practices to help you build single-page, multi-page, and hybrid web apps with Express. Express

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strikes a balance between a robust framework and no framework at all, allowing you a free hand in your architecture choices. With this book, frontend and backend engineers familiar

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with JavaScript will discover new ways of looking at web development. Create webpage templating system for rendering dynamic data Dive into request and response objects,

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middleware, and URL
routing Simulate a
production environment for
testing and development
Focus on persistence with
document databases,
particularly MongoDB Make

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your resources available to
other programs with
RESTful APIs Build secure
apps with authentication,
authorization, and HTTPS
Integrate with social media,
geolocation, and other third-

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party services Implement a plan for launching and maintaining your app Learn critical debugging skills This book covers Express 4.0. Build modern, scalable, and cloud-ready single-page

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applications using ASP.NET Core, React, TypeScript, and Azure Key Features Explore the full potential and latest features of .NET Core 3.0, TypeScript 3, and React Learn how to manage

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data, application design, and packaging, and secure your web appsDiscover best practices for using React and TypeScript to build a scalable frontend that interacts with REST

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APIsBook Description

Microsoft's ASP.NET Core is a robust and high-performing cross-platform web API framework, and Facebook's React uses declarative JavaScript to

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drive a rich, interactive user experience on the client-side web. Together, they can be used to build full stack apps with enhanced security and scalability at each layer.

This book will start by

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taking you through React and TypeScript components to build an intuitive single-page application. You'll understand how to design scalable REST APIs that can integrate with a React-based

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frontend. You'll get to grips with the latest features, popular patterns, and tools available in the React ecosystem, including function-based components, React Router, and Redux.

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The book shows how you can use TypeScript along with React to make the frontend robust and maintainable. You'll then cover important .NET Core features such as API

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controllers, attribute routing, and model binding to help you build a sturdy backend. Additionally, you'll explore API security with ASP.NET Core identity and authorization policies, and

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write reliable unit tests using both .NET Core and React before you deploy your app to the Azure cloud. By the end of the book, you'll have gained all the knowledge you need to

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enhance your C# and JavaScript skills and build full stack, production-ready applications with ASP.NET Core and React. What you will learnBuild RESTful APIs with .NET Core using API

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controllers Create strongly typed, interactive, and function-based React components using Hooks Build forms efficiently using reusable React components Perform client-

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side state management with
Redux and the React
Context API Secure REST
APIs with ASP.NET identity
and authorization
policies Run a range of
automated tests on the

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frontend and
backendImplement
continuous integration (CI)
and continuous delivery
(CD) processes into Azure
using Azure DevOpsWho this
book is for If you're a web

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developer looking to build solid full-stack web applications with .NET Core and React, this book is for you. Although this book does not assume any knowledge of React, you're expected to

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have a basic understanding of .NET Core.

Summary SPA Design and Architecture teaches you the design and development skills you need to create SPAs. Includes an overview

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of MV* frameworks, unit testing, routing, layout management, data access, pub/sub, and client-side task automation. This book is full of easy-to-follow examples you can apply to the library

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or framework of your choice.
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includes a free eBook in
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formats from Manning
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Technology The next step in

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the development of web-based software, single-page web applications deliver the sleekness and fluidity of a native desktop application in a browser. If you're ready to make the leap from

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traditional web applications
to SPAs, but don't know
where to begin, this book
will get you going. About the
Book SPA Design and
Architecture teaches you the
design and development

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skills you need to create SPAs. You'll start with an introduction to the SPA model and see how it builds on the standard approach using linked pages. The author guides you through

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the practical issues of building an SPA, including an overview of MV* frameworks, unit testing, routing, layout management, data access, pub/sub, and client-side task automation.

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This book is full of easy-to-follow examples you can apply to the library or framework of your choice. What's Inside Working with modular JavaScript Understanding MV*

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frameworks Layout
management Client-side
task automation Testing
SPAs About the Reader This
book assumes you are a web
developer and know
JavaScript basics. About the

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Author Emmitt Scott is a senior software engineer and architect with experience building large-scale, web-based applications. Table of Contents PART 1 THE

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BASICS What is a single-
page application? The role
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CONCEPTS Navigating the
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composition and layout Inter-

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Communicating with the
server Unit testing Client-
side task automation

APPENDIXES Employee
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through Review of the

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XMLHttpRequest API

Chapter 7 server-side setup
and summary Installing

Node.js and Gulp.js

Get up and running with

ReactJS by developing five

cutting-edge and responsive

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projects About This Book
Create pragmatic real-world
applications while learning
React and its modern
developer tools Build
sustainable user interfaces
by transforming data into

File Type PDF Building Single
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components of UI Learn how
to generate reusable
ReactJS components
effectively Who This Book Is
For If you are a web
developer and wish to learn
ReactJS from scratch, then

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this book is tailor-made for you. Good understanding of Javascript, HTML, and CSS is expected. What You Will Learn Create, reuse, and compose React components using JSX Share data

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between various React components and techniques for data flow within a React app Handle user interactions with the help of event handlers and dynamic components Set up and use

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various next generation
ES2015/ES6 features with
React Understand the
performance and
immutability features of
React using React add-ons
Learn the techniques of

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Animation in React Use data stores to store model-related data and information Create a flux-based React application by using Reflux library In Detail ReactJS is an open-source JavaScript

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library that brings the power of reactive programming to web applications and sites. It aims to address the challenges encountered in developing single-page applications, and is intended

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to help developers build large, easily scalable and changing web apps. Starting with a project on Open Library API, you will be introduced to React and JSX before moving on to learning

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about the life cycle of a React component. In the second project, building a multi-step wizard form, you will learn about composite dynamic components and perform DOM actions. You

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will also learn about building a fast search engine by exploring server-side rendering in the third project on a search engine application. Next, you will build a simple frontpage for

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an e-commerce app in the fourth project by using data models and React add-ons. In the final project you will develop a complete social media tracker by using the flux way of defining React

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apps and know about the best practices and use cases with the help of ES6 and redux. By the end of this book, you will not only have a good understanding of ReactJS but will also have

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built your very own responsive frontend applications from scratch. Style and approach An easy-to-follow program to learn ReactJS with the help of real world projects. Each topic is

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explained within the context of a project and provides plenty of tips and tricks for using ReactJS.

Understanding single-page web applications

JavaScript Application

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Net Core Angular
Design

Learning Single-page Web
Application Development
Mastering JavaScript Single
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Development
A Proven Method to

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Organize Your Digital Life
and Unlock Your Creative
Potential

Building Single Page
Applications in .NET Core 3

For students and
professionals with some

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experience developing applications, this book will have you building a fully functional end-to-end app from scratch in no time using industry standard conventions. --

The Packt Beginner's Guide

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format is designed to make you as comfortable as possible. Using practical examples, this guide will walk you through the ins and outs of web application development with easy step-by-step instructions. If you

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want to build your own application but don't know where to start, then this is the book for you. With easy-to-follow, step-by-step and real-life examples, you will be building your own applications in a matter of

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weeks not years.

A revolutionary approach to
enhancing productivity,
creating flow, and vastly
increasing your ability to
capture, remember, and
benefit from the
unprecedented amount of

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information all around us. For the first time in history, we have instantaneous access to the world's knowledge. There has never been a better time to learn, to contribute, and to improve ourselves. Yet,

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rather than feeling empowered, we are often left feeling overwhelmed by this constant influx of information. The very knowledge that was supposed to set us free has instead led to the paralyzing stress

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of believing we'll never know or remember enough. Now, this eye-opening and accessible guide shows how you can easily create your own personal system for knowledge management, otherwise known as a Second

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Brain. As a trusted and organized digital repository of your most valued ideas, notes, and creative work synced across all your devices and platforms, a Second Brain gives you the confidence to tackle your

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most important projects and ambitious goals. Discover the full potential of your ideas and translate what you know into more powerful, more meaningful improvements in your work and life by Building a Second Brain.

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Building Single Page App
Using ASP.NET Core and
Angular

ASP.NET Core 3 and React
From Concept to
Implementation to Real-World
Solutions

Java EE 8 and Angular

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Hands-On full stack web
development using ASP.NET
Core, React, and TypeScript
3

SPA Design and Architecture
A Build First Approach

Take advantage of

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JavaScript's power to build robust web-scale or enterprise applications that are easy to extend and maintain. By applying the design patterns

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outlined in this
practical book,
experienced JavaScript
developers will learn
how to write flexible
and resilient code
that's easier—yes,

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easier-to work with as your code base grows. JavaScript may be the most essential web programming language, but in the real world, JavaScript applications

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often break when you make changes. With this book, author Eric Elliott shows you how to add client- and server-side features to a large JavaScript application

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without negatively affecting the rest of your code. Examine the anatomy of a large-scale JavaScript application

Build modern web apps with the capabilities of

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desktop applications
Learn best practices for
code organization,
modularity, and reuse
Separate your
application into
different layers of

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responsibility Build
efficient, self-
describing hypermedia
APIs with Node.js Test,
integrate, and deploy
software updates in
rapid cycles Control

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resource access with
user authentication and
authorization Expand
your application's reach
through
internationalization
It's not uncommon these

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days to see people complaining about just how complex JavaScript development seems to have become. We can have some sympathy with that view when it's coming

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from someone new to the language. If you're learning JS, it won't take long for you to be exposed to the enormity of the ecosystem and the sheer number of moving

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pieces you need to understand (at least conceptually) to build a modern web application. Package management, linting, transpilation, module bundling,

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minification, source maps, frameworks, unit testing, hot reloading... it can't be denied that this is a lot more complex than just including a couple

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of script tags in your
page and FTPing it up to
the server. Included
topics: The Anatomy of a
Modern JavaScript
Application by James
Kolce An Introduction to

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Gulp.js by Craig Buckler
The Basics of DOM
Manipulation in Vanilla
JavaScript (No jQuery)
by Sebastian Seitz A
Beginner's Guide to
Webpack 2 and Module

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Bundling by Mark Brown

React vs Angular: An In-
depth Comparison by

Pavels Jelisejevs

Retrofit Your Website as
a Progressive Web App by
Craig Buckler 10 Tips to

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Become a Better Node
Developer by Azat Mardan
An Introduction to
Functional JavaScript by
M. David Green An
Introduction to Chart.js
2.0 : Six Simple

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Examples by Jack Rometty
Learning JavaScript Test-
Driven Development by
Example by James Wright
This book is for
intermediate level
JavaScript developers.

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Some experience of JavaScript development is assumed.

Learn how to create and deploy a SPA in C# with Blazor KEY FEATURES ●

Get familiar with the

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basic and advanced concepts of the Blazor framework ● Understand how to implement JavaScript interop in Blazor ● Learn how to inject the service

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dependency in Blazor ●
Learn how to implement
security using
Authentication and
authorization ● Deploy
and host your Blazor app
on IIS and Azure

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DESCRIPTION Blazor is a new, open-source, and SPA web framework that allows you to build a web application using C# and HTML. Blazor enables you to write C# code

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instead of JavaScript.
This book is a
comprehensive guide
about the new modern
Blazor framework. It
begins with an
introduction to the

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Blazor and its components and concepts. It explains how you can start the development process, what tools you can use to develop an application, and how you

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can deploy it. You will then learn more about Databind, Eventbinding, layout, routing, JavaScript interop, and Dependency Injection. Concepts such as

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Authentication and authorization, error handling are also covered. Towards the end, you will learn how to deploy your Single Page Application Using

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Blazor. WHAT YOU WILL LEARN ● Explore and use a various way to create a Blazor component ● Get familiar with the working of Data Binding, Event Binding, Layouts,

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Routing, and Validation

- Learn how to invoke JavaScript functions from .NET methods ●
- Preserving State in Server-Side Blazor applications ●

File Type PDF Building Single
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Authentication and
Authorization using
Facebook API & Google
API ● Host and Deploy
your Blazo app on IIS
and Azure WHO THIS BOOK
IS FOR This book is for

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web developers who want to use Blazor to build web apps. This book will also help and guide web developers who are currently using Blazor.

AUTHOR BIO Jignesh

File Type PDF Building Single Page Application Using Asp Net Core Angular

Trivedi is working as a software developer with a leading organization and having more than 14 years of experience. He is very passionate about Microsoft Technologies.

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He is an author,
speaker, and Microsoft
MVP. He loves building
great products and POC
(proof of concepts)
using the best available
technologies. He loves

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to share his knowledge by contributing to the Developer community. With modern tools. it is possible to create a production grade, full-stack application using

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HTML, CSS, and JavaScript alone. The combination of MongoDB, Express, AngularJS, and Node.js has become so popular that it has earned the title MEAN

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stack -- the subject of this book. This book explores the MEAN stack in detail. We will begin by covering Node.js, as it will lay the groundwork for all of

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our server-side work. You will learn how to get Node running on your local machine as well as download modules using npm. The key aspects of the Node.js programming

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model will also be covered. From there, we will move on to MongoDB, where you'll learn how to interact with Mongo from a Node application. You will also learn how

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to create, retrieve, update, and delete data from a Mongo store.

After you have a solid grasp on Node and Mongo, the book will move on to the Express web server.

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We'll cover the basics of Express applications via topics like routes and middleware. Building on previous chapters, we will cover the integration of Node,

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Mongo, and Express. Our coverage of the MEAN stack will wrap up with several chapters on AngularJS. These chapters will cover Angular fundamentals

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like data binding, directives, controllers, routing, and services. In an effort to explore competing technologies, a slight introduction to Ember.js will also be

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provided. Full stack JavaScript is not fully encompassed by the MEAN stack. There is an entire ecosystem of JavaScript tools to learn about, and this

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book will introduce a few of them. We will cover task runners Gulp.js and Grunt.js which are extremely useful for automating mundane, repetitive

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tasks. We'll also cover JSHint, a linting tool used to improve code quality. Linting tools analyze source code and report potential issues - a feature that is

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especially useful in non-compiled languages like JavaScript.

Building Single Page App Using Asp.net Core with Entity Framework Core and Angular Js

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Full Stack AngularJS for
Java Developers
Building Single Page
Application Using
ASP.NET Core and Angular
A practical guide to
building modern single-

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page applications with
Angular and Java EE
Full Stack JavaScript
Development With MEAN
Microservices Security
in Action

Building Single Page App

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using ASP.NET Core and Angular is not at all meant for freshers or for those who just started programming. This Book covers tons of client-server side technologies.

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For

example it uses ASP.NET Core, Entity Framework Core, WebAPI, Repository Pattern, Unit of Work Pattern, Angular, Responsive design

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principles, HTML 5, Solid Principles, Design Patterns, etc. to name a few. Now to illustrate each and every concept right from the scratch is fairly impossible as it

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*kills the purpose of
writing this book. This
book is for my readers who
regularly ask me to write
something combining all
these principles. There
are tons of developers and*

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professionals around the world who know these concepts in bits and pieces but don't know how to connect the dots to build as an application. This book is entirely

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written around industry & coding standard, design principles. Hence, if you are fresher or just started your job, I would recommend to understand basics first and then

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refer this book.

Otherwise, this will appear overwhelming at the beginning. From the second chapter, you will find questions section at the end of every chapter. If

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you are following this book precisely, you should be able to answer these questions on your own. These are project specific questions which are generally asked in any

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technical interviews.

CONTENTS Chapter 1:

Getting Started Chapter 2:

Creating Solution From The

Blank Slate Chapter 3:

Creating Data Context

Chapter 4: Implementing

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*Web API Chapter 5: Getting
Started with Angular
Chapter 6: Deeper into
Angular Chapter 7: Adding
More Features Using
Angular Chapter 8: Adding
More Features to the App*

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*Chapter 9: Authentication
& Authorisation Chapter
10: Introduction to Azure
and CosmosDb*

*Learn how to create and
deploy a SPA in C# with
Blazor KEY FEATURES - Get*

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familiar with the basic and advanced concepts of the Blazor framework - Understand how to implement JavaScript interop in Blazor - Learn how to inject the service

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dependency in Blazor - Learn how to implement security using Authentication and authorization - Deploy and host your Blazor app on IIS and Azure DESCRIPTION

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Blazor is a new, open-source, and SPA web framework that allows you to build a web application using C# and HTML. Blazor enables you to write C# code instead of

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JavaScript. This book is a comprehensive guide about the new modern Blazor framework. It begins with an introduction to the Blazor and its components and concepts. It explains

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how you can start the development process, what tools you can use to develop an application, and how you can deploy it. You will then learn more about Databind,

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Eventbinding, layout, routing, JavaScript interop, and Dependency Injection. Concepts such as Authentication and authorization, error handling are also covered.

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Towards the end, you will learn how to deploy your Single Page Application Using Blazor. WHAT WILL YOU LEARN - Explore and use a various way to create a Blazor component

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- Get familiar with the working of Data Binding, Event Binding, Layouts, Routing, and Validation - Learn how to invoke JavaScript functions from .NET methods - Preserving

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*State in Server-Side
Blazor applications -
Authentication and
Authorization using
Facebook API & Google API
- Host and Deploy your
Blazo app on IIS and Azure*

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WHO THIS BOOK IS FOR This book is for web developers who want to use Blazor to build web apps. This book will also help and guide web developers who are currently using Blazor.

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- 1. An Introduction to Blazor*
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- 4. Dependency injection in Blazor*
- 5. JavaScript*

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*interop 6. State
management 7.*

*Authentication and
Authorization 8. Handle &
Log errors in Blazor
Application 9. Getting
Started with Blazor Using*

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Visual Studio 2019 10.

Hosting and Deployment

*Learn how to render lists
of items without repeating
your code structure and
how to work with
conditional rendering*

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items and event handling. Containing all you need to know to get started with Vue.js, this book will take you through using build tools (transpile to ES5), creating custom

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components, state management, and routers. With Getting to Know Vue.js, you'll see how to combine reusable code with custom components, allowing you to create

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snippets of reusable code to suit your specific business needs. You'll also explore how to use Single File Components and the Vue.js Command Line Interface (CLI) to build

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components in a single file and add in build tools as you see fit.

Getting started with a new Single Page Application (SPA) JavaScript framework can be an overwhelming

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task, but Vue.js makes this daunting task simple and easy to learn, allowing you to start implementing business needs with just a script reference to the library

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and the custom JavaScript required for your use case. Starting with a little reference and a handful of lines of custom JavaScript, you will have a complete Single Page

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Application before you know it. What You'll Learn Examine Vue.js templating syntax Work with binding methods Manage the state of your app by comparing your options of building a

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data store Adapt the more robust options compatible with Vue.js Review different router options, including creating your own router, using the Vue-router and using Page.js.

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Who This Book Is For
Software developers with an understanding of HTML, CSS and JavaScript; prior understanding of a Single Page Application framework would be useful but not

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essential.

WordPress is much more than a blogging platform. As this practical guide clearly demonstrates, you can use WordPress to build web apps of any type—not

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mere content sites, but full-blown apps for specific tasks. If you have PHP experience with a smattering of HTML, CSS, and JavaScript, you'll learn how to use WordPress

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plugins and themes to develop fast, scalable, and secure web apps, native mobile apps, web services, and even a network of multiple WordPress sites. The

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authors use examples from their recently released SchoolPress app to explain concepts and techniques throughout the book. All code examples are available on GitHub.

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Compare WordPress with traditional app development frameworks Use themes for views, and plugins for backend functionality Get suggestions for choosing

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WordPress plugins—or build your own Manage user accounts and roles, and access user data Build asynchronous behaviors in your app with jQuery Develop native apps for

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iOS and Android, using wrappers Incorporate PHP libraries, external APIs, and web service plugins Collect payments through ecommerce and membership plugins Use techniques to

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*speed up and scale your
WordPress app*

*Web Development with Node
and Express*

*Developing Backbone.js
Applications*

Building Single Page App

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*Using ASP.NET Core and
Angular*

Angular Router

*The Rust Programming
Language (Covers Rust
2018)*

Jumpstart Coding Using

File Type PDF Building Single Page Application Using Asp Net Core Angular *Blazor and C#*

Get introduced to full stack enterprise development. Whether you are new to AngularJS and Spring RESTful web services, or you are a seasoned expert, you will be able to build a full-featured web

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application from scratch using AngularJS and Spring RESTful web services. Full stack web development is in demand because you can explore the best of different tools and frameworks and yet make your apps solid and reliable in

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design, scalability, robustness, and security. This book assists you in creating your own full stack development environment that includes the powerful and revamped AngularJS, and Spring REST. The architecture of modern

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applications is covered to prevent the development of isolated desktop and mobile applications. By the time you reach the end of this book you will have built a full-featured dynamic app. You will start your journey by setting up a Spring

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Boot development environment and creating your RESTful services to perform CRUD operations. Then you will migrate the front-end tools—AngularJS and Bootstrap—into your Spring Boot application to consume RESTful

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services. You will secure your REST API using Spring Security and consume your secured REST API using AngularJS. What You'll Learn Build a REST application with Spring Boot Expose CRUD operations using RESTful

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endpoints Create a single page application by integrating Angular JS and Bootstrap in Spring Boot Secure REST APIs using Spring Security Consume secured RESTful Services using Angular JS Build a REST client using a REST

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template to consume RESTful services Test RESTful services using the Spring MVC Test Framework Who This Book Is For Web application developers with previous Java programming experience who want to create

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enterprise-grade, scalable Java apps using powerful front tools such as AngularJS and Bootstrap along with popular back-end frameworks such as Spring Boot One of the most important and exciting trends in web development

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in recent years is the move towards single page applications, or SPAs. Instead of clicking through hyperlinks and waiting for each page to load, the user loads a site once and all the interactivity is handled fluidly by a rich JavaScript

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front end. If you come from a background in ASP.NET development, you ' ll be used to handling most interactions on the server side. Pro Single Page Application Development will guide you through your transition to this

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powerful new application type. The book starts in Part I by laying the groundwork for SPA development. You ' ll master some JavaScript techniques that will come in useful later on, and get to know the building blocks of a single page

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application, including modules, routing and MV* frameworks. In Part II, you ' ll build the client for your application. This is where the magic happens, as the authors take you through the process step by step. Backbone.js is the ideal library for

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demonstrating SPA development in practice, but you can apply the same principles with other frameworks in your future applications. Part III takes you through the process of building the server side of your application

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using ASP.NET Web API, and hooking up the two parts of your application to create a working whole. SPA development also comes with its own particular challenges, including tracking history, user interface performance,

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and how to handle search engine optimization. In the final chapters, the authors guide you through some of these issues and advanced techniques and finish by showing you how to deploy your application. As SPAs become the

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de facto standard of web application development, the in-depth Pro Single Page Application Development will be your one-stop shop for creating fluid, modern applications on the web. The demand for modern and high

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performing web enterprise applications is growing rapidly. No more is a basic HTML front-end enough to meet customer demands. This book will be your one stop guide to build outstanding enterprise web applications with

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Java EE and Angular. It will teach you how to harness the power of Java EE to build sturdy back ...

This book is aimed at web developers who are familiar with frontend technologies like JavaScript, HTML, and CSS, and

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modern tools like Bower, Yeoman, and Grunt.

Building Web Apps with WordPress
Single Page Web Applications
Serverless Single Page Apps
JavaScript for Modern Web
Development

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Building Micro-Frontends

Create a Single Page App with Blazor Server and Entity Framework Core

Summary JavaScript Application

Design: A Build First Approach

introduces JavaScript developers

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to techniques that will improve the quality of their software as well as their web development workflow. You'll begin by learning how to establish build processes that are appropriate for JavaScript-driven development. Then, you'll walk through best practices for

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productive day-to-day development, like running tasks when your code changes, deploying applications with a single command, and monitoring the state of your application once it's in production. Purchase of the print book includes a free eBook

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in PDF, Kindle, and ePub formats from Manning Publications. About the Book The fate of most applications is often sealed before a single line of code has been written. How is that possible? Simply, bad design assures bad results. Good design and effective

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processes are the foundation on which maintainable applications are built, scaled, and improved. For JavaScript developers, this means discovering the tooling, modern libraries, and architectural patterns that enable those improvements. JavaScript

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Application Design: A Build First Approach introduces techniques to improve software quality and development workflow. You'll begin by learning how to establish processes designed to optimize the quality of your work. You'll execute tasks whenever

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your code changes, run tests on every commit, and deploy in an automated fashion. Then you'll focus on designing modular components and composing them together to build robust applications. This book assumes readers understand the basics of

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*JavaScript. What's Inside
Automated development, testing,
and deployment processes
JavaScript fundamentals and
modularity best practices
Modular, maintainable, and well-
tested applications Master
asynchronous flows, embrace*

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MVC, and design a REST API

About the Author Nicolas

*Bevacqua is a freelance
developer with a focus on*

modular JavaScript, build

processes, and sharp design. He

maintains a blog at ponyfoo.com.

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*development with JavaScript:
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Understand the basics of HTML,
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- Create build beautiful*

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applications using HTML, CSS, JavaScript, React and Redux - Learn how to debug and unit test your applications properly to build good end products - Follow best practices to write good quality code and build performant applications **DESCRIPTION** This

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book will take you on a complete journey of learning web development, starting right with the basics. The book begins with the history of web development and JavaScript, how it has evolved over these years, and how it still keeps growing with

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new features. Next, you will learn the basic pillars of web development - HTML, CSS, and JavaScript. You will learn about the functional, object-oriented programming and asynchronous behaviour, and how JavaScript provides for these. Empowered

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with the basics, you will proceed to learn the new features of JavaScript, ES2015, and the latest ES2019. Next, you will apply your learning to build a real application to see how the Web takes shape. At the end, you will also have an introductory section on

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ReactJS, one of the modern frameworks for UI development and also develop a simple weather application using React. You will be introduced to Redux as the state container for React applications. This book will conclude with an introductory

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look at additional topics which can be taken up to become a professional and in building enterprise level applications. WHAT WILL YOU LEARN By the end of the book, you will be building real web applications to put your knowledge to practice.

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This book introduces all the concepts to get started with web application development. To further excel in this field, you really need to practice by building a lot many applications, implementing your own ideas or imitating existing websites. Also

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remember to practice additional examples provided in the code bundle of the book to master this field. WHO THIS BOOK IS FOR This book can be used by people who are completely new to software development and want to get into front-end web development by

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starting from basics. This book can also be used by JavaScript users for a quick reference to the fundamentals of HTML, CSS, JS, and learn ReactJS with Redux, as well as the new features in JavaScript ES2019. Table of Contents

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Edition teaches you how to develop full-stack web applications using the MEAN stack. This edition was completely revised and updated to cover MongoDB 4, Express 4, Angular 7, Node 11, and the latest mainstream release of JavaScript

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ES2015. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Juggling languages mid-application can radically slow down a full-stack web project. The MEAN

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stack—MongoDB, Express, Angular, and Node—uses JavaScript end to end, maximizing developer productivity and minimizing context switching. And you'll love the results! MEAN apps are fast, powerful, and beautiful. About the Book Getting MEAN,

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Second Edition teaches you how to develop full-stack web applications using the MEAN stack. Practical from the very beginning, the book helps you create a static site in Express and Node. Expanding on that solid foundation, you'll integrate a

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MongoDB database, build an API, and add an authentication system. Along the way, you'll get countless pro tips for building dynamic and responsive data-driven web applications! What's inside MongoDB 4, Express 4, Angular 7, and Node.js 11 MEAN

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Security testing at the code level
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intermediate Java skills. About
The Author Prabath Siriwardena is*

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the vice president of security architecture at WSO2. Nuwan Dias is the director of API architecture at WSO2. They have designed secure systems for many Fortune 500 companies.

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***more predictable bandwidth.
You'll learn the SPA design
approach, and then start
exploring new techniques like
structured JavaScript and
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frameworks that make
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applications are your next
step: pushing UI rendering and
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server only to synchronize data, they provide a smooth user experience, much like a native application. But, SPAs can be hard to develop, manage, and test. Single Page Web Applications shows how

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***your team can easily design,
test, maintain, and extend
sophisticated SPAs using
JavaScript end-to-end, without
getting locked into a
framework. Along the way,
you'll develop advanced***

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managers. Michael Mikowski
has worked on many
commercial SPAs and a
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