

Angularjs Tutorials Point

Learn how to build dynamic web applications with Express, a key component of 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 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 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 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, middleware, and URL routing Simulate a production environment for testing and development Focus on persistence with document databases, particularly MongoDB Make 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-party services Implement a plan for launching and maintaining your app Learn critical debugging skills This book covers Express 4.0.

Take advantage of JavaScript's power to build robust web-scale or enterprise applications that are easy to extend and maintain. By applying the design patterns outlined in this practical book, experienced JavaScript developers will learn how to write flexible and resilient code that's easier—yes, 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 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 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 desktop applications Learn best practices for code organization, modularity, and reuse Separate your application into different layers of responsibility Build efficient, self-describing hypermedia APIs with Node.js Test, integrate, and deploy software updates in rapid cycles Control resource access with user authentication and authorization Expand your application's reach through internationalization Annotation Develop smaller, lighter web apps that are simple to create and easy 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 injection to create a much-needed structure for building web apps.

If you are a web application developer interested in using AngularJS for a real-life project, then this book is for you. As a prerequisite, knowledge of JavaScript and HTML is expected, and a working knowledge of AngularJS is preferred.

Hands-On Full Stack Web Development with Angular 6 and Laravel 5

Angular: Up and Running

AngularJS in Action

Getting MEAN with Mongo, Express, Angular, and Node

AngularJS: Maintaining Web Applications

AngularJS Web Application Development Blueprints

AngularJS: Novice to Ninja is your fast track route to mastering AngularJS, the superheroic JavaScript framework. AngularJS provides the fastest, most efficient way to build single page web applications. What will I learn? In this practical and fun-to-read book, you'll learn the fundamentals of AngularJS, such as scopes, modules and controllers. You'll then move on to more sophisticated techniques, including using directives, filters and expressions to build a full single page web application. Discover the power of AngularJS's two-way data binding Using AngularJS and TDD Get to grips with modules, scopes, and controllers Enhance your HTML with directives Build a complete working single page blog application as you learn And much more

If you want to build cross-platform web applications using the robust Angular web framework, this book is for you. Learning Angular will cover the core concepts of frontend web development using easy-to-follow instructions to help you get up and running with Angular web development in no time.

Learn Angular beyond basic concepts – best practices and project experience. KEY FEATURES ? Includes real examples and numerous illustrated use-cases on how to build dynamic and interactive web applications. ? Covers true challenges faced by Angular professionals along with proven solutions and best practices. ? Discusses various kinds of best practices followed in Angular applications. ? Makes you travel through a journey of 20 stations. Each station comes with new excitement and new challenges. ? Covers practical examples with real-time discussions. DESCRIPTION This book is an exciting journey where novice developers learn everything they need to do before they start working on the Angular framework and develop dynamic web applications. The book begins with building a strong foundation on the concepts of web application development and numerous developer-friendly terminologies that you would often come across while learning Angular. It covers the essentials of ES6, Webpack, and TypeScript to write Angular applications and make the development of Angular apps more enticing, innovative, and scalable. The book talks about modules, directives, components, data binding, routing, and many more components and functions. Each of these topics is backed with real examples and illustrations. By the end of this book, you will learn about Angular's powerful features and capabilities. You will become a confident developer to design your own modern, responsive, and user-friendly web applications all by yourself using this single source of knowledge. WHAT YOU WILL LEARN ? Master fundamental concepts of Angular and it's Architecture. ? Witness the true potential of Angular for building composable components. ? Become well versed with the file and folder structure of an Angular application. ? Learn to write clean, simple and error-free codes like a sound professional developer. ? Learn the essentials of ES6, Typescript and Webpack to write angular applications..1. WHO THIS

BOOK IS FOR This book is for all web developers, software programmers, front-end developers, and entry-level developers who want to learn Angular or enhance the existing Angular applications to modern and responsive applications. Basic knowledge of JavaScript is an advantage to begin with this book. TABLE OF CONTENTS 1. Introduction 2. Get Your Basics Stronger 3. ES6 Features Part 1 4. ES6 Features Part 2 5. ES6 Features Part 3 6. ES6 Features Part 4 7. Webpack 8. TypeScript 9. Angular the Beginning 10. Angular First App 11. Beautify the Angular UI with Bootstrap CSS 12. Authentication 13. Authentication Service 14. Unsubscribe 15. Logout and Route Guard Cleanup 16. Customer Service 17. Http Service 18. Token Interceptor 19. Multi Provider 20. Compile-time Configuration 21. Runtime Configuration 22. Error Handling 23. The Component-Oriented Style in Action 24. Angular Routing 25. Angular Modules 26. Angular Pipes 27. Angular Directives 28. Angular Forms 29. Angular Styles 30. Angular Change Detection 31. Angular Elements 32. Left Over

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

CI/CD Implementation for Mobile, Web, and Hybrid Applications Using Declarative Pipeline in Jenkins (English Edition)

Learning JavaScript Design Patterns

Web Development with Node and Express

Angular in Action

Hands-on Pipeline as Code with Jenkins

AngularJS

If you are a web developer, this handy guide will empower you to quickly learn the fundamentals of AngularJS development and deployment.

Smart Computing Proceedings of the 1st International Conference on Smart Machine Intelligence and Real-Time Computing (SmartCom 2020), 26-27 June 2020, Pauri, Garhwal, Uttarakhand, India CRC Press

Summary AngularJS in Action covers everything you need to know to get started with the AngularJS framework. As you

read, you'll explore all the individual components of the framework and learn how to customize and extend them. You'll discover the emerging patterns for web application architecture and tackle required tasks like communicating with a web server back-end. Along the way, you'll see AngularJS in action by building real world applications with thoroughly commented code. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology AngularJS is a JavaScript-based framework that extends HTML, so you can create dynamic, interactive web applications in the same way you create standard static pages. Out of the box, Angular provides most of the functionality you'll need for basic apps, but you won't want to stop there. Intuitive, easy to customize, and test-friendly, Angular practically begs you to build more interesting apps. About the Book AngularJS in Action teaches you everything you need to get started with AngularJS. As you read, you'll learn to build interactive single-page web interfaces, apply emerging patterns like MVVM, and tackle key tasks like communicating with back-end servers. All examples are supported by clear explanations and illustrations along with fully annotated code listings. This book assumes you know at least some JavaScript. No prior exposure to AngularJS is required. What's Inside Get started with AngularJS Write your own components Best practices for application architecture Progressively build a full-featured application Covers Angular JS 1.3 Sample application updated to the latest version of Angular About the Author Lukas Ruebbelke is a full-time web developer and an active contributor to the AngularJS community. Table of Contents PART 1 GET ACQUAINTED WITH ANGULARJS Hello AngularJS Structuring your AngularJS applicationPART 2 MAKE SOMETHING WITH ANGULARJS Views and controllers Models and services Directives Animations Structuring your site with routes Forms and validations APPENDIXES Setting up Karma Setting up a Node.js server Setting up a Firebase server Running the app

Summary Angular in Action teaches you everything you need to build production-ready Angular applications. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Angular makes it easy to deliver amazing web apps. This powerful JavaScript platform provides the tooling to manage your project, libraries to help handle most common tasks, and a rich ecosystem full of third-party capabilities to add as needed. Built with developer productivity in mind, Angular boosts your efficiency with a modern component architecture, well-constructed APIs, and a rich community. About the Book Angular in Action teaches you everything you need to build production-ready Angular applications. You'll start coding immediately, as you move from the basics to advanced techniques like testing, dependency injection, and performance tuning. Along the way, you'll take advantage of TypeScript and ES2015 features to write clear, well-

architected code. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. What's Inside Spinning up your first Angular application A complete tour of Angular's features Comprehensive example projects Testing and debugging Managing large applications About the Reader Written for web developers comfortable with JavaScript, HTML, and CSS. About the Author Jeremy Wilken is a Google Developer Expert in Angular, Web Technologies, and Google Assistant. He has many years of experience building web applications and libraries for eBay, Teradata, and VMware. Table of Contents Angular: a modern web platform Building your first Angular app App essentials Component basics Advanced components Services Routing Building custom directives and pipes Forms Testing your application Angular in production AngularJS: Novice to Ninja

Learning Angular

Data Visualization with D3 and AngularJS

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

Release 3. 6. 6rc1

Build and Deploy Your Web Application Using Angular with Ease (English Edition)

The official book on the Rust programming language, written 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 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 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 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 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, 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 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 edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

With Learning JavaScript Design Patterns, you'll learn how to write beautiful, structured, and maintainable JavaScript by

applying classical and modern design patterns to the language. If you want to keep your code efficient, more manageable, and up-to-date with the latest best practices, this book is for you. Explore many popular design patterns, including Modules, Observers, Facades, and Mediators. Learn how modern architectural patterns—such as MVC, MVP, and MVVM—are useful from the perspective of a modern web application developer. This book also walks experienced JavaScript developers through modern module formats, how to namespace code effectively, and other essential topics. Learn the structure of design patterns and how they are written Understand different pattern categories, including creational, structural, and behavioral Walk through more than 20 classical and modern design patterns in JavaScript Use several options for writing modular code—including the Module pattern, Asynchronous Module Definition (AMD), and CommonJS Discover design patterns implemented in the jQuery library Learn popular design patterns for writing maintainable jQuery plug-ins "This book should be in every JavaScript developer's hands. It's the go-to book on JavaScript patterns that will be read and referenced many times in the future."—Andrée Hansson, Lead Front-End Developer, presis!

Python is an easy to learn, powerful programming language. It has efficient high-level data structures and a simple but effective approach to object-oriented programming. Python's elegant syntax and dynamic typing, together with its interpreted nature, make it an ideal language for scripting and rapid application development in many areas on most platforms. The Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, <https://www.python.org/>, and may be freely distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation. The Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications. This tutorial introduces the reader informally to the basic concepts and features of the python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self contained, so the tutorial can be read off-line as well. For a description of standard objects and modules, see [library-index](#). [reference-index](#) gives a more formal definition of the language. To write extensions in C or C++, read [extending-index](#) and [c-api-index](#). There are also several books covering Python in depth. This tutorial does not attempt to be comprehensive and cover every single feature, or even every commonly used feature. Instead, it introduces many of Python's most noteworthy features, and will give you a good idea of the language's flavor and style. After reading it, you will be able to read and write Python modules and programs, and you will be ready to learn more about the various Python library modules described in [library-index](#). The Glossary is also worth going through.

AngularJS is the leading framework for building dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. AngularJS, which is maintained by Google, brings the power of the Model-View-Controller (MVC)

pattern to the client, providing the foundation for complex and rich web apps. It allows you to build applications that are smaller, faster, and with a lighter resource footprint than ever before. Best-selling author Adam Freeman explains how to get the most from AngularJS. He begins by describing the MVC pattern and the many benefits that can be gained from separating your logic and presentation code. He then shows how you can use AngularJS's features within in your projects to produce professional-quality results. Starting from the nuts-and-bolts and building up to the most advanced and sophisticated features AngularJS is carefully unwrapped, going in-depth to give you the knowledge you need. Each topic is covered clearly and concisely and is packed with the details you need to learn to be truly effective. The most important features are given a no-nonsense in-depth treatment and chapters include common problems and details of how to avoid them.

A JavaScript and jQuery Developer's Guide

Learn Angular Fundamentals, TypeScript, Webpack, Routing, Directives, Components, Forms, and Modules with Practical Examples (English Edition)

A Guide to AngularJS Development

Mastering Angular Components

A Journey to Angular Development

Become fluent in both frontend and backend web development with Docker, Angular and Laravel

Summary *Getting MEAN, Second 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 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 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, 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 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 stack architecture Mobile-ready web apps Best practices for efficiency and reusability About the Reader Readers should be comfortable with standard web application designs and ES2015-style JavaScript. About the Author Simon Holmes and Clive Harber are full-stack*

developers with decades of experience in JavaScript and other leading-edge web technologies. Table of Contents PART 1 - SETTING THE BASELINE Introducing full-stack development Designing a MEAN stack architecture PART 2 - BUILDING A NODE WEB APPLICATION Creating and setting up a MEAN project Building a static site with Node and Express Building a data model with MongoDB and Mongoose Writing a REST API: Exposing the MongoDB database to the application Consuming a REST API: Using an API from inside Express PART 3 - ADDING A DYNAMIC FRONT END WITH ANGULAR Creating an Angular application with TypeScript Building a single-page application with Angular: Foundations Building a single-page application with Angular: The next level PART 4 - MANAGING AUTHENTICATION AND USER SESSIONS Authenticating users, managing sessions, and securing APIs Using an authentication API in Angular applications

This book will demystify Angular as a framework, as well as provide clear instructions and examples on how to get started with writing scalable Angular applications. Angular: Up & Running covers most of the major pieces of Angular, but in a structured manner that is generally used in hands-on training. Each chapter takes one concept, and use examples to cover how it works. Problems to work on (with solutions) at the end of each chapter reinforce the learnings of each chapter and allow readers to really get hands-on with Angular.

Summary TypeScript is JavaScript with an important upgrade! By adding a strong type system to JavaScript, TypeScript can help you eliminate entire categories of runtime errors. In TypeScript Quickly, you'll learn to build rock-solid apps through practical examples and hands-on projects under the expert instruction of experienced web developers Yakov Fain and Anton Moiseev. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Strong typing can eliminate nearly all errors caused by unanticipated data values. With TypeScript, an enhanced version of JavaScript, you can specify types and type annotations so your code is easier to read and far less likely to fail at runtime. And because the core of TypeScript is standard JavaScript, it runs on all major browsers and can be used with frameworks like Angular, Vue, and React. About the book TypeScript Quickly teaches you to exploit the benefits of types in browser-based and standalone applications. In this practical guide, you'll build a fascinating blockchain service app that takes you through a range of type-sensitive programming techniques. As you go, you'll also pick up valuable techniques for object-oriented programming with classes, interfaces, and advanced features such as decorators and conditional types. What's inside Mastering TypeScript syntax Using TypeScript with JavaScript libraries Tooling with Babel and Webpack Developing TypeScript apps using Angular, React, and Vue About the reader For web developers comfortable with JavaScript and HTML. About the author Yakov

Fain and Anton Moiseev are experienced web developers. They have authored two editions of Manning's Angular Development with TypeScript. Table of Contents: PART 1 MASTERING THE TYPESCRIPT SYNTAX 1 | Getting familiar with TypeScript 2 | Basic and custom types 3 | Object-oriented programming with classes and interfaces 4 | Using enums and generics 5 | Decorators and advanced types 6 | Tooling 7 | Using TypeScript and JavaScript in the same project PART 2 APPLYING TYPESCRIPT IN A BLOCKCHAIN APP 8 | Developing your own blockchain app 9 | Developing a browser-based blockchain node 10 | Client-server communications using Node.js, TypeScript, and WebSockets 11 | Developing Angular apps with TypeScript 12 | Developing the blockchain client in Angular 13 | Developing React.js apps with TypeScript 14 | Developing a blockchain client in React.js 15 | Developing Vue.js apps with TypeScript 16 | Developing the blockchain client in Vue.js

Develop modern user interfaces using Angular 6 and its component-based architecture. Key Features Build better web applications with highly scalable concepts using Angular Learn new ways to design your web applications Build a fully functional web application that lets you tackle real-world user interface problems using Angular components Book Description Angular framework embraces a mature user interface (UI) component architecture, a powerful tool when developing scalable application interfaces. The simple and deterministic design of Angular components supports you in building large and scalable component-based applications. Mastering Angular Components covers a new holistic way of thinking about UI development, and helps you discover the power of Angular 6 components through various examples. The book starts with an introduction to component-based user interfaces and how Angular 6 manages this concept. Following a step-by-step approach, you will build a fully functional task-management application using Angular. You'll start with basic layout components, adding some core task-management components before completing the first draft of your application. You will then move on to working through a refactoring exercise in order to learn how to enhance the way you deal with states and data. Once you have got to grips with all this, you will study how to make use of the Angular router within your application. By the end of this book, you will be able to constantly refine the functionality of your application and create components that render SVG graphics, add a time-tracking feature, visualize data using third-party library Chartist, and even create a plugin architecture using Angular components. What you will learn Use TypeScript to create Angular 6 components Leverage component composition to solve complex UI requirements Build an architecture using pure components and container components Explore the basics of RxJS observable streams and use them to build your application reactively Communicate between components using child queries Implement the Angular router to make your application

navigable Build reusable and dynamic graphical content using Angular components and SVG Integrate third-party libraries such as Moment.js and Chartist into your existing Angular application Who this book is for Mastering Angular Components is for you if you are an Angular developer who already has a good understanding of basic frontend web technologies such as JavaScript, HTML, and CSS.

The Rust Programming Language (Covers Rust 2018)

TypeScript Quickly

A no-nonsense beginner's guide to building web applications with Angular 10 and TypeScript, 3rd Edition

AngularJS Deployment Essentials

Programming JavaScript Applications

Pro AngularJS

The definitive guide to building JavaScript-based Web applications from server to browser Node.js, MongoDB, and AngularJS are three new web development technologies that together provide an easy to implement, fully integrated web development stack. Node.js is a leading server-side programming environment, MongoDB is the most popular NoSQL database, and AngularJS is quickly becoming the leading framework for MVC-based front-end development. Together they allow web programmers to create high-performance sites and applications built completely in JavaScript, from server to client. Node.js, MongoDB and AngularJS Web Development is a complete guide for web programmers who want to integrate these three technologies into full working solutions. It begins with concise, crystal-clear tutorials on each of the three technologies and then quickly moves on to building several common web applications. Readers will learn how to use Node.js and MongoDB to build more scalable, high-performance sites, how to leverage AngularJS's innovative MVC approach to structure more effective pages and applications, and how to use all three together to deliver outstanding next-generation Web solutions.

This book takes a hands-on, step-by-step approach that helps the reader focus on the most important points and learn exactly what they need. All of the directives in the book have live examples that go along with them, and there is a strong focus on how tests are incorporated into all types of directives. Mastering AngularJS Directives is intended for developers who have experience with AngularJS and have a need for creating or customizing directives in any type of AngularJS application. This is a niche topic that focuses on very specific fundamental concepts of directive writing. This book is. Beginning AngularJS is your step-by-step guide to learning the powerful AngularJS JavaScript

framework. AngularJS is one of the most respected and innovative frameworks for building properly structured, easy-to-develop web applications. This book will teach you the absolute essentials, from downloading and installing AngularJS, to using modules, controllers, expressions, filters, and directives. Unlike many other books, you don't need experience with AngularJS or deep JavaScript knowledge to get started here. This book will begin by teaching you the JavaScript you need to know, and then you'll get into the basics of AngularJS. You'll learn powerful AngularJS techniques through clear instructions. With what you learn you'll be able to properly structure your code into manageable modules, understand the MVC design patterns, create expressive and adaptive HTML forms, communicate with servers and use other AngularJS services, use the powerful built-in directives, and learn how to create your own. This might all seem unknown now, but with this book you'll understand it all. AngularJS is a powerful framework, and one which may require you to think a little differently. This book will help you avoid the common pitfalls and get you up to speed, and building solid AngularJS applications, quickly and painlessly.

The book will be a step-by-step guide showing the readers how to build a complete web app with AngularJS. JavaScript developers who want to learn AngularJS for developing web apps. Knowledge of JavaScript and HTML is expected. No knowledge of AngularJS is required.

Proceedings of the 1st International Conference on Smart Machine Intelligence and Real-Time Computing (SmartCom 2020), 26-27 June 2020, Pauri, Garhwal, Uttarakhand, India

JSON at Work

AngularJS: Up and Running

Essential Angular for ASP.NET Core MVC

Beginning AngularJS

AngularJS Design Patterns

Provides information on how to create interactive web applications using AngularJS, including how to define modules and utilize dependency injection, build dynamic browser views, and create custom directives to extend HTML.

If you are a web developer with experience in AngularJS and want to implement interactive visualizations using D3.js, this book is for you. Knowledge of SVG or D3.js will give you an edge to get the most out of this book.

Get started with speed building AngularJS applications, and scale up to a full-stack web application, using the existing AngularJS framework without the trouble of migrating to Angular 2 About This Book Follow the best practices of the framework to organize and modularize your application Get to grips with Angular's Model-View-Controller architecture Create application modules with maximum reusability and extensibility Structure and use AngularJS applications in your MEAN project in your MEAN project Who This Book Is For This course is for people who want to discover how they can improve their current web applications with the existing version of Angular without having to worry much about migrating

to AngularJS 2 What You Will Learn Install and set up the AngularJS framework Create your own full-featured and robust AngularJS web apps Create reusable directives and then extend the behavior of HTML on your web page Optimize and maintain your web applications Create more powerful full-stack web applications, that draw on the combined power of AngularJS, Node.js, MongoDB, and Express in the MEAN stack In Detail The AngularJS course is a journey to help you improve and scale your current web applications with the existing version of Angular without having to worry about migration to Angular 2. The course is divided into four modules. The first part—AngularJS Essentials is like a practical guide, filled with many step-by-step examples that will lead you through the best practices of AngularJS. After a brief introduction, you will learn how to create reusable components with directives. You will then take a look at many data handling techniques, discover a complete set of technologies that are capable to accomplish any challenge related to present, transform, and validate data on the user's interface. Finally, you will discover the best way to deal with the scope and how to break up the application into separate modules, giving rise to reusable and interchangeable libraries. With this you've crossed a milestone and are about to enter the world of learning by example. In the next part—Learning AngularJS By Example, you will learn how to effectively build apps using the AngularJS platform. You will be building multiple apps on this platform ranging from simple ones to more complex ones. In this module, you will roll up your coding sleeves and create a serious AngularJS application by example – a rich featured workout app. Take the coding a step at a time at first, then once you're coding a full app in this module, a lot of AngularJS will fall right into place for you. The third module—AngularJS Web Application Development Cookbook, will get you accustomed to the AngularJS concept armed with a solid understanding of how it works, insight into the best ways to wield it in real-world applications, and annotated code examples. It is a rich library of AngularJS coding solutions that you can use straight away in your own code projects. You are just a step away from completing this learning path of AngularJS. The name of the next part—MEAN Web Development itself assures that you are nearing the destination. The idea is simple with this part, you'll take MongoDB as the database, Express as the web framework, AngularJS as the frontend framework, and Node.js as the platform, and combine them together in a modular approach that will ensure the flexibility needed in modern software development. This is also your graduation to full-stack web development, which can open many new coding and career opportunities for you! Style and approach Get up to speed building AngularJS applications, then improve and scale full-stack web applications, using the existing AngularJS framework without the trouble of migrating to Angular 2

Ready to master AngularJS? What if you could master the entire framework - with solid foundations - in less time without beating your head against a wall? Imagine how quickly you could work if you knew the best practices and the best tools? Stop wasting your time searching and have everything you need to be productive in one, well-organized place, with complete examples to get your project up without needing to resort to endless hours of research.

Smart Computing

The JHipster Mini-Book

Build Component-Based User Interfaces Using Angular, 2nd Edition

Web Designing and Publishing

Leveraging the JavaScript Stack

Python Tutorial

A step-by-step guide to implementing Continuous Integration and Continuous Delivery (CI/CD) for Mobile, Hybrid, and Web applications

DESCRIPTION The main objective of the book is to create Declarative Pipeline for programming languages such as Java, Android, iOS,

AngularJS, NodeJS, Flutter, Ionic Cordova, and .Net. The book starts by introducing all the areas which encompass the field of DevOps Practices. It covers definition of DevOps, DevOps history, benefits of DevOps culture, DevOps and Value Streams, DevOps practices, different Pipeline types such as Build Pipeline, Scripted Pipeline, Declarative Pipeline, and Blue Ocean. Each chapter focuses on Pipeline that includes Static Code Analysis using SonarQube or Lint tools, Unit tests, calculating code coverage, publishing unit tests and coverage reports, verifying the threshold of code coverage, creating build/package, and distributing package to a specific environment based on the type of programming language. The book will also teach you how to use different deployment distribution environments such as Azure App Services, Docker, Azure Container Services, Azure Kubernetes Service, and App Center. By the end, you will be able to implement DevOps Practices using Jenkins effectively and efficiently.

KEY FEATURES

- Understand how and when Continuous Integration makes a difference
- Learn how to create Declarative Pipeline for Continuous Integration and Continuous Delivery
- Understand the importance of Continuous Code Inspection and Code Quality
- Learn to publish Unit Test and Code Coverage in Declarative Pipeline
- Understand the importance of Quality Gates and Build Quality

WHAT YOU WILL LEARN

- Use Multi-Stage Pipeline (Pipeline as a Code) to implement Continuous Integration and Continuous Delivery.
- Create and configure Cloud resources using Platform as a Service Model
- Deploy apps to Azure App Services, Azure Kubernetes and containers
- Understand how to distribute Mobile Apps (APK and IPA) to App Center
- Improve Code Quality and Standards using Continuous Code Inspection

WHO THIS BOOK IS FOR This book is for DevOps Consultants, DevOps Evangelists, DevOps Engineers, Technical Specialists, Technical Architects, Cloud Experts, and Beginners. Having a basics knowledge of Application development and deployment, Cloud Computing, and DevOps Practices would be an added advantage.

TABLE OF CONTENTS

1. Introducing DevOps
2. Introducing Jenkins 2.0 and Blue Ocean
3. Building CICD Pipeline for Java Web Application
4. Building CICD Pipeline for Android App
5. Building CICD Pipeline for iOS App
6. Building CICD Pipeline for Angular Application
7. Building CICD Pipeline NodeJS Application
8. Building CICD Pipeline for Hybrid Mobile Application
9. Building CICD Pipeline for Python Application
10. Building CICD Pipeline for DotNet Application
11. Best Practices

This book is strongly recommended for those who have a passion for web development and who are looking for a framework that can provide a reusable, maintainable, and modular way to create applications and increase their productivity.

Angular 5 and .NET Core 2 updates for this book are now available. Follow the Download Source Code link for this book on the Apress website. Discover Angular, the leading client-side web framework, from the point of view of an ASP.NET Core MVC developer. Best-selling author Adam Freeman brings these two key technologies together and explains how to use ASP.NET Core MVC to provide back-end services for Angular applications. This fast-paced, practical guide starts from the nuts and bolt and gives you the knowledge you need to combine Angular (from version 2.0 up) and ASP.NET Core MVC in your projects. What You'll Learn Gain a solid understanding of how ASP.NET Core MVC and Angular can work together Use Visual Studio 2017 to develop Angular/ASP.NET Core MVC projects Create ASP.NET Core RESTful web services to support Angular applications Expose data from Entity Framework Core to Angular applications Use ASP.NET Core Identity to provide security services to Angular applications Each topic is covered clearly and concisely and is packed with the essential details you need to learn to be truly effective. Who This Book Is For This book is for developers with a knowledge of ASP.NET Core MVC who are introducing Angular into their projects.

The field of SMART technologies is an interdependent discipline. It involves the latest burning issues ranging from machine learning,

cloud computing, optimisations, modelling techniques, Internet of Things, data analytics, and Smart Grids among others, that are all new fields. It is an applied and multi-disciplinary subject with a focus on Specific, Measurable, Achievable, Realistic & Timely system operations combined with Machine intelligence & Real-Time computing. It is not possible for any one person to comprehensively cover all aspects relevant to SMART Computing in a limited-extent work. Therefore, these conference proceedings address various issues through the deliberations by distinguished Professors and researchers. The SMARTCOM 2020 proceedings contain tracks dedicated to different areas of smart technologies such as Smart System and Future Internet, Machine Intelligence and Data Science, Real-Time and VLSI Systems, Communication and Automation Systems. The proceedings can be used as an advanced reference for research and for courses in smart technologies taught at graduate level.

Mastering AngularJS Directives

Angularjs for .Net Developers in 24 Hours, Sams Teach Yourself

Ng-Book - the Complete Book on Angularjs

Practical Data Integration for the Web

Node.js, MongoDB, and AngularJS Web Development

The things you need to do to set up a new software project can be daunting. First, you have to select the back-end, create your API, choose your database, set up security, and choose your build tool. Then you have to choose the tool for your front end: select a UI framework, configure a build tool, set up Sass processing, configure your browser to auto-reload when you make changes, and configure the client and server so they work in unison. If you're building a new application with Spring Boot and Angular, you can save days by using JHipster. JHipster generates a complete and modern web app, with a high-performance and robust Java stack on the server side with Spring Boot - A sleek, modern, mobile-first front-end with Angular and Bootstrap - A robust microservice architecture with the JHipster Registry, Netflix OSS, the ELK stack, and more. A powerful workflow to build your application with Yeoman, Webpack, and Maven/Gradle

With AngularJS, you can quickly build client-side applications that run well on any desktop or mobile platform, using REST services for backend processes. You may have heard that the learning curve for this JavaScript MVC framework is too steep, but that's not the case. This practical guide provides a hands-on approach to learning AngularJS that will have you building high-quality applications and websites in no time. Along with a conceptual understanding of the framework, you'll also gain hands-on experience with AngularJS by building a sample application throughout the book. If you're familiar with JavaScript, web development, and software design concepts and patterns, this book is the perfect way to get started. Understand how AngularJS differs from other MVC frameworks Learn about AngularJS controllers, views, and models by diving into the book's sample project Connect your working application to public REST services Build the application's security layer with non-RESTful AngularJS services Explore the basics of building and testing AngularJS directives Use AngularJS as part of the MEAN stack

(MongoDB, ExpressJS, AngularJS, and Node.js) Discover how search engine optimization relates to AngularJS application sites

Learn advanced techniques and best practices of Angular programming for building enterprise web applications Key Get familiar with the core concepts of Angular. Discover best practices, tips, and tricks while working with Angular. architect data driven web applications. Explore methods to pass data between components in Angular. Learn how to secure your Angular application. Description Angular is a Single Page Application (SPA) development framework open by Google. The Angular framework is written in TypeScript language, which enables a web developer to write JavaScript Object-Oriented fashion. TypeScript makes it easier to build a client-side web application with classes, interfaces, get inheritance, and other Object-Oriented features. TypeScript compiler takes care of transpiling these features into native JavaScript. Angular is a framework that comes with Dependency Injection, HTTP communication, Forms, and other features of the box. This book will leverage on your prior programming knowledge to learn Angular. Microsoft .Net stack, C#, Forms, WPF, ASP.NET have been widely used for developing desktop and web applications. We shall be referring to concepts from these technologies with Angular whenever applicable; thus having prior experience would be a great advantage. This book takes you from the basics of TypeScript language to building modular and robust enterprise web applications and deployment. What will you learn Learn how to orchestrate complex Angular applications. Get to know more about Dependency Injection in depth. Learn how to build template and dynamic forms in Angular. Learn how to use Angular routes in an application and how to communicate with backend services using HTTP. Who this book is for This book is for readers who want to learn Angular. Having a basic Object-Oriented programming knowledge, programming experience with C#.Net/Java, and hands-on web development experience would be an added advantage. Table of Contents 1. Typescript - the underdog 2. Hello, Angular 3. Building small and simple 4. Data Binding and Pipes 5. NgModule - in depth 6. Dependency Injection and Services 7. Forms 8. Communication within Components 9. Consuming HTTP Resources 10. Routing Angular application 11. Deployment and tools About the Author Balram Chavan is a software professional having 11+ years of relevant experience working in various domains. He has been awarded with GitHub Developer Program Membership for his contribution to open source work and contributes to multiple technology blogs and forums. Balram has also published many npm.js packages for Angular framework. Your LinkedIn Profile: <https://www.linkedin.com/in/balram-chavan/>

Are You Ready To Learn Angular JS Easily? This book contains the steps, strategies, and techniques you need to learn AngularJS, a well-supported and widely-used JavaScript framework for single page applications development. This training material was conceptualized and developed to help beginners of diverse backgrounds to master the powerful features of AngularJS and use them to make rich and dynamic web pages. Web developers, absolute beginners, and programmers

this book a practical, engaging, and reliable resource material for learning AngularJS. Whether you want to launch a web applications development or you want to put up your own interactive website using the single page concept, this offers a quick, straightforward, and inexpensive way to achieve your objectives. This instructional book provides a thorough by-step guide to help you understand and optimize the tools, connectivity features, and potentials of AngularJS. It provides precise steps from the beginning and discusses the key concepts involved in each step. It uses visual aids and screenshots to make learning intuitive and easy. This book offers a comprehensive discussion of AngularJS features and functionalities and real world examples that go beyond the basics. Here Is What You'll Learn After Downloading This Angular JS Book: ? Introduction ?Chapter 1: ANGULAR JS - AN OVERVIEW ?Chapter 2: CREATING A SIMPLE ANGULARJS APPLICATION ?Chapter 3: CONTROLLERS?Chapter 4: VIEWS ?Chapter 5: DIRECTIVES ?Chapter 6: DATA BINDING ?Chapter 7: EXPRESSIONS ?Chapter 8: filters ?Chapter 9: scope ?Chapter 10: modules ?Chapter 11: events?Chapter 12: select box ?Chapter 13: services ?Chapter 14: the ng-model directive ?Chapter 15: ROUTING ?Chapter 16: ANGULAR TABLES ?Chapter 17: VALIDATION ?Chapter 18: HTTP AND AJAX ?Chapter 19: USING NG-INCLUDE?Chapter 20: DEPENDENCY INJECTION ?Chapter 21: INTRODUCTION: TESTING WITH KARMA What Are You Waiting For? Start Coding Angular JS Right Now!

Learning AngularJS

Object Oriented Programming with Angular

Your Guide to Easily Learn Angular Js in 7 Days

Enhanced Productivity with Structured Web Apps

Mastering Web Application Development with AngularJS

Learning Angular, Step by Step

Build modern, fast, and progressive web applications using modern features of PHP 7 and TypeScript Key Features Explore the latest features of Angular and Laravel to build applications that are powerful, consistent, and maintainable Develop modern user interfaces with a reusable component-based architecture using Angular 6 and Bootstrap 4 Learn how to build secure backend APIs with Laravel Book Description Angular, considered as one of the most popular and powerful frontend frameworks, has undergone a major overhaul to embrace emerging web technologies so that developers can build cutting-edge web applications. This book gives you practical knowledge of building modern full-stack web apps from scratch using Angular with a Laravel Restful back end. The book begins with a thorough introduction to Laravel and Angular and its core concepts like custom errors messages, components, routers, and Angular-cli, with each concept being explained first, and then put into practice in the case-study project. With the basics covered, you will learn how sophisticated UI features can be added

using NgBootstrap and a component-based architecture. You will learn to extend and customize variables from Bootstrap CSS framework. You will learn how to create secure web application with Angular and Laravel using token based authentication. Finally, you will learn all about progressive web applications and build and deploy a complete fullstack application using Docker and Docker-compose. By the end of this book, you'll gain a solid understanding of Angular 6 and how it interacts with a Laravel 5.x backend

What you will learn

- Explore the core features of Angular 6 to create sophisticated user interfaces
- Use Laravel 5 to its full extent to create a versatile backend layer based on RESTful APIs
- Configure a web application in order to accept user-defined data and persist it into the database using server-side APIs
- Build an off-line-first application using service-worker and manifest file
- Deal with token based authentication on single page application (SPA). Secure your application against threats and vulnerabilities in a time efficient way
- Deploy using Docker and Docker-compose

Who this book is for

This book targets developers who are new to Angular, Laravel, or both, and are seeking a practical, best-practice approach to development with these technologies. They must have some knowledge of HTML, CSS and JavaScript. Familiarity of PHP is assumed to get the most from this book.

JSON is becoming the backbone for meaningful data interchange over the internet. This format is now supported by an entire ecosystem of standards, tools, and technologies for building truly elegant, useful, and efficient applications. With this hands-on guide, author and architect Tom Marris shows you how to build enterprise-class applications and services by leveraging JSON tooling and message/document design. JSON at Work provides application architects and developers with guidelines, best practices, and use cases, along with lots of real-world examples and code samples. You ' ll start with a comprehensive JSON overview, explore the JSON ecosystem, and then dive into JSON ' s use in the enterprise. Get acquainted with JSON basics and learn how to model JSON data

- Learn how to use JSON with Node.js, Ruby on Rails, and Java Structure
- JSON documents with JSON Schema to design and test APIs
- Search the contents of JSON documents with JSON Search tools
- Convert JSON documents to other data formats with JSON Transform tools
- Compare JSON-based hypermedia formats, including HAL and jsonapi
- Leverage MongoDB to store and access JSON documents
- Use Apache Kafka to exchange JSON-based messages between services

Learn advanced techniques and best practices of Angular programming for building enterprise web applications

Key Features?

- Get familiar with the core concepts of Angular.?
- Discover best practices, tips, and tricks while working with Angular.?
- Learn ho Angular Js for Beginners