

Read Online Guide To Web
Application And Platform
Architectures Springer
Professional Computing

***Guide To Web
Application And
Platform
Architectures
Springer
Professional
Computing***

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Learning Node.js brings together the knowledge and JavaScript code needed to build

**master the Node.js
platform and build server-
side applications with
extraordinary speed and
scalability. You'll start by
installing and running
Node.js, understanding the
extensions it uses, and
quickly writing your first
app. Next, building on the
basics, you'll write more
capable application servers
and extend them with
today's most powerful
Node.js tools and modules.
Finally, you'll discover
today's best practices for
testing, running Node.js
code on production servers,
and writing command-line**

utilities. Throughout the book, author Marc Wandschneider teaches by walking the reader line-by-line through carefully crafted examples, demonstrating proven techniques for creating highly efficient applications and servers. The second edition updates coverage of Node.js to reflect changes in the technology and how it is used in the three years since the first edition was published: Explanation of Node's new versioning scheme Updated coverage of Streams New coverage of installation using pre-

**build installers rather than
from source code New
coverage of Mongoose in
the section on MongoDB
New information about
deploying Node on Heroku
and Azure Expansion of
coverage on testing If
you're a developer who
wants to build server-side
web applications with
Node.js, Learning Node.js is
your fastest route to
success. Build Node.js
solutions that leverage
current JavaScript skills
Master Node.js nonblocking
IO and async programming
Handle more requests and
increase an application's**

**flexibility Use and write
modules Perform common
JSON/web server tasks Use
browsers to generate pages
on the fly via Ajax calls and
template libraries Simplify
development with the
Express framework Create
database back-ends using
popular NoSQL and
relational databases Deploy
and run Node.js apps on
Unix/macOS or Windows
servers Deploy apps to
Heroku and Microsoft Azure
Support virtual hosts and
SSL/HTTPS security Test
Node.js programs that mix
synchronous, async, and
RESTful server API**

functionality

The best way to learn anything is by doing. The author uses a friendly tone and fun examples to ensure that you learn the basics of application development. Once you have read this book, you should have the necessary skills to build your own applications. If you have no experience but want to learn how to create applications in HTML5, this book is the only help you'll need. Using practical examples, HTML5 Web Application Development by Example will develop your knowledge and

confidence in application development.

Modern web applications are built on a tangle of technologies that have been developed over time and then haphazardly pieced together. Every piece of the web application stack, from HTTP requests to browser-side scripts, comes with important yet subtle security consequences. To keep users safe, it is essential for developers to confidently navigate this landscape. In The Tangled Web, Michal Zalewski, one of the world's top browser

security experts, offers a compelling narrative that explains exactly how browsers work and why they're fundamentally insecure. Rather than dispense simplistic advice on vulnerabilities, Zalewski examines the entire browser security model, revealing weak points and providing crucial information for shoring up web application security. You'll learn how to:

- Perform common but surprisingly complex tasks such as URL parsing and HTML sanitization**
- Use modern security features**

**like Strict Transport
Security, Content Security
Policy, and Cross-Origin
Resource Sharing**

**-Leverage many variants of
the same-origin policy to
safely compartmentalize
complex web applications
and protect user
credentials in case of XSS
bugs -Build mashups and
embed gadgets without
getting stung by the tricky
frame navigation policy
-Embed or host user-
supplied content without
running into the trap of
content sniffing For quick
reference, "Security
Engineering Cheat Sheets"**

Architectures Springer
Professional Computing

at the end of each chapter offer ready solutions to problems you're most likely to encounter. With coverage extending as far as planned HTML5 features, The Tangled Web will help you create secure web applications that stand the test of time.

Prepare for the Pivotal Certified Spring Web Application Developer exam and learn about Spring MVC DispatcherServlet configuration, Spring MVC programming model essentials, Spring MVC views and form processing, Spring Web Flow

Architectures, Springer
Professional Computing

**essentials, and Spring Web
Flow actions and**

**configuration. The Pivotal
Certified Spring Web
Application Developer
Exam: A Study Guide is the
ideal preparation for the
exam and after reading and
using it, you'll be able to
pass and become a certified
Spring Web Developer.
When you become a Pivotal
Certified Spring Web
Application Developer,
you'll receive one of the
most valuable credentials
available in enterprise Java.
Achieving this certification
demonstrates your ability
to apply Spring's web**

Read Online Guide To Web
Application And Platform
Architectures Springer
Professional Computing

**projects to develop real-
world Java web applications
and validates your
familiarity with Spring Web.
Building Social Web
Applications
JavaScript Web Applications
Web Applications**

**Professional Java for Web
Applications**

Angularjs

Simple, Concise & Easy

Guide to Building Web

Application Using Html,

Css, Javascript, Python &

Django Web Framework

*The comprehensive Wrox guide for
creating Java web applications for
the enterprise This guide shows*

Read Online Guide To Web Application And Platform

*Architectures, Springer
Professional Computing*

Java software developers and software engineers how to build complex web applications in an enterprise environment. You'll begin with an introduction to the Java Enterprise Edition and the basic web application, then set up a development application server environment, learn about the tools used in the development process, and explore numerous Java technologies and practices. The book covers industry-standard tools and technologies, specific technologies, and underlying programming concepts. Java is an essential programming language used worldwide for both Android app development and enterprise-level corporate solutions As a step-by-step guide or a general reference, this book provides an all-

Read Online Guide To Web Application And Platform

Architectures Springer

***in-one Java development solution
Explains Java Enterprise Edition 7
and the basic web application, how
to set up a development application
server environment, which tools are
needed during the development
process, and how to apply various
Java technologies Covers new
language features in Java 8, such
as Lambda Expressions, and the
new Java 8 Date & Time API
introduced as part of JSR 310,
replacing the legacy Date and
Calendar APIs Demonstrates the
new, fully-duplex WebSocket web
connection technology and its
support in Java EE 7, allowing the
reader to create rich, truly
interactive web applications that
can push updated data to the client
automatically Instructs the reader in
the configuration and use of Log4j***

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

2.0, Spring Framework 4 (including Spring Web MVC), Hibernate Validator, RabbitMQ, Hibernate ORM, Spring Data, Hibernate Search, and Spring Security Covers application logging, JSR 340 Servlet API 3.1, JSR 245 JavaServer Pages (JSP) 2.3 (including custom tag libraries), JSR 341 Expression Language 3.0, JSR 356 WebSocket API 1.0, JSR 303/349 Bean Validation 1.1, JSR 317/338 Java Persistence API (JPA) 2.1, full-text searching with JPA, RESTful and SOAP web services, Advanced Message Queuing Protocol (AMQP), and OAuth Professional Java for Web Applications is the complete Wrox guide for software developers who are familiar with Java and who are ready to build high-level enterprise Java web applications.

While many resources for network and IT security are available, detailed knowledge regarding modern web application security has been lacking—until now. This practical guide provides both offensive and defensive security concepts that software engineers can easily learn and apply. Andrew Hoffman, a senior security engineer at Salesforce, introduces three pillars of web application security: recon, offense, and defense. You'll learn methods for effectively researching and analyzing modern web applications—including those you don't have direct access to. You'll also learn how to break into web applications using the latest hacking techniques. Finally, you'll learn how to develop mitigations for use in your own web applications to

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

protect against hackers. Explore common vulnerabilities plaguing today's web applications Learn essential hacking techniques attackers use to exploit applications Map and document web applications for which you don't have direct access Develop and deploy customized exploits that can bypass common defenses Develop and deploy mitigations to protect your applications against hackers Integrate secure coding best practices into your development lifecycle Get practical tips to help you improve the overall security of your web applications Discover blueprints that explore various components of Blazor, C#, and .NET to help you build web apps without learning JavaScript Key FeaturesExplore complete,

easy-to-follow web projects using BlazorBuild projects such as a weather app, expense tracker, and Kanban board with real-world applicationsUnderstand and work with Blazor WebAssembly effectively without spending too much time focusing on the theoryBook Description Blazor WebAssembly makes it possible to run C# code on the browser instead of having to use JavaScript, and does not rely on plugins or add-ons. The only technical requirement for using Blazor WebAssembly is a browser that supports WebAssembly, which, as of today, all modern browsers do. Blazor WebAssembly by Example is a project-based guide for learning how to build single-page web applications using the Blazor

WebAssembly framework. This book emphasizes the practical over the theoretical by providing detailed step-by-step instructions for each project. You'll start by building simple standalone web applications and progress to developing more advanced hosted web applications with SQL Server backends. Each project covers a different aspect of the Blazor WebAssembly ecosystem, such as Razor components, JavaScript interop, event handling, application state, and dependency injection. The book is designed in such a way that you can complete the projects in any order. By the end of this book, you will have experience building a wide variety of single-page web applications with .NET, Blazor WebAssembly, and C#. What you

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

**will learn Discover the power of the
C# language for both server-side
and client-side web
development Use the Blazor
WebAssembly App project template
to build your first Blazor
WebAssembly application Use
templated components and the
Razor class library to build and
share a modal dialog
box Understand how to use
JavaScript with Blazor
WebAssembly Build a progressive
web app (PWA) to enable native app-
like performance and
speed Understand dependency
injection (DI) in .NET to build a
shopping cart app Get to grips with
.NET Web APIs by building a task
manager app Who this book is for
This book is for .NET web
developers who are tired of**

Read Online Guide To Web Application And Platform

*Architectures Springer
Professional Computing*

constantly learning new JavaScript frameworks and wish to write web applications using Blazor WebAssembly, leveraging the power of .NET and C#. The book assumes beginner-level knowledge of the C# language, .NET framework, Microsoft Visual Studio, and web development concepts. Eliminate the guesswork involved in writing and deploying a cloud application. This step-by-step guide uses PHP to minimize the complexity of the code and setup, but the tools and techniques can be applied on any platform using any language. Everything that you need to jumpstart your application on the cloud is right here. Clear diagrams, step-by-step configuration information, and complete code listings tell you everything you

Read Online Guide To Web Application And Platform

*Architectures Springer
Professional Computing*

need to get off the ground and start developing your cloud application today. This book introduces several cloud architectures and technologies that will help you accelerate your application in the cloud. Chapters cover load-balanced clusters, database replication, caching configuration, content delivery networks, infinite-scale file storage, and cloud system administration. Cloud computing has dramatically changed the landscape of web hosting. Instead of spending weeks negotiating contracts for servers, new servers can be deployed with the push of a button, and your application can be resized almost instantly to meet today's needs. No matter what size of web application you are developing, you can benefit from

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

modern cloud servers, and this is the guide to tell you how. What You'll Learn
Use the cloud and its various platforms with Docker management tools
Build a simple PHP-based scalable web application
Create a basic cloud cluster
Work with Amazon and Google Cloud Platform in your PHP web application development
Who This Book Is For
Developers who have some prior programming experience, including PHP, and who are new to building applications
Building Web Apps with WordPress
The Complete Cornerstone Guide to Web Applications Best Practices
Concepts, Terms, and Techniques for Successfully Planning, Implementing and Managing
The Manager's Guide to Web Application Security

***A Guide to Securing Modern Web
Applications***

***Web Application Security, A
Beginner's Guide***

***A Hands-On Guide to Building Web
Applications Using React and
Redux***

***Best Practices for Web-Based
Software***

Building rich JavaScript applications that bring a desktop experience to the Web requires moving state from the server to the client side—not a simple task. This hands-on book takes proficient JavaScript developers through all the steps necessary to create state-of-the-art applications, including structure, templating, frameworks, communicating with the server, and many other issues. Throughout the book, you'll work with real-world example applications to help you grasp

the concepts involved. Learn how to create JavaScript applications that offer a more responsive and improved experience. Use the Model-View-Controller (MVC) pattern, and learn how to manage dependencies inside your application Get an introduction to templating and data binding Learn about loading remote data, Ajax, and cross-domain requests Create realtime applications with WebSockets and Node.js Accept dropped files and upload data with progress indicators Use major frameworks and libraries, including jQuery, Spine, and Backbone Write tests and use the console to debug your applications Get deployment best practices, such as caching and minification

A definitive guide on frontend development with Angular from design to deployment Key Features Develop

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

web applications from scratch using Angular and TypeScript Explore reactive programming principles and RxJS to develop and test apps easily Study continuous integration and deployment on the AWS cloud Book Description If you have been burnt by unreliable JavaScript frameworks before, you will be amazed by the maturity of the Angular platform. Angular enables you to build fast, efficient, and real-world web apps. In this Learning Path, you'll learn Angular and to deliver high-quality and production-grade Angular apps from design to deployment. You will begin by creating a simple fitness app, using the building blocks of Angular, and make your final app, Personal Trainer, by morphing the workout app into a full-fledged personal workout builder and runner with an advanced directive

building - the most fundamental and powerful feature of Angular. You will learn the different ways of architecting Angular applications using RxJS, and some of the patterns that are involved in it. Later you'll be introduced to the router-first architecture, a seven-step approach to designing and developing mid-to-large line-of-business apps, along with popular recipes. By the end of this book, you will be familiar with the scope of web development using Angular, Swagger, and Docker, learning patterns and practices to be successful as an individual developer on the web or as a team in the Enterprise. This Learning Path includes content from the following Packt products: Angular 6 by Example by Chandermani Arora, Kevin Hennessy Architecting Angular Applications with Redux, RxJS, and NgRx by Christoffer Noring Angular 6

for Enterprise-Ready Web Applications

by Doguhan Uluca What you will learn

Develop web applications from scratch using Angular and TypeScript Explore reactive programming principles, RxJS to develop and test apps efficiently

Study continuous integration and deployment your Angular app on the AWS cloud

Who this book is for If

you're a JavaScript or frontend developer looking to gain

comprehensive experience of using

Angular for end-to-end enterprise-ready applications, this Learning Path is for you.

This book is a BEGINNER's guide to

building a web application using

HTML, CSS, Javascript, Python and

Django Web framework. I have

explained all the topics in a simple,

concise and easy language with

thorough examples, codes and have

tried my best to make the learning process fun, informative and interesting at the same time. If you want to gain an in-depth understanding, it is quite a simple book for the job. In addition, it is a good way to get started with learning Django Web Framework

This fast-moving guide introduces web application development with Haskell and Yesod, a potent language/framework combination that supports high-performing applications that are modular, type-safe, and concise. Fully updated for Yesod 1.4, this second edition shows you how Yesod handles widgets, forms, persistence, and RESTful content. Author Michael Snoyman also introduces various Haskell tools to supplement your basic knowledge of the language. By the time you finish this book, you'll create a production-quality

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

web application with Yesod's ready-to-use scaffolding. You'll also examine several real-world examples, including a blog, a wiki, a JSON web service, and a Sphinx search server. Build a simple application to learn Yesod's foundation datatype and Web Application Interface (WAI) Output HTML, CSS, and Javascript with Shakespearean template languages Get an indepth look at Yesod's core monads for producing cleaner, more modular code Probe Yesod's internal workings: learn the request handling process for a typical application Build forms on top of widgets by implementing the yesod-form declarative API Learn how Yesod and Haskell handle persistence and session data Serve an HTML page and a machine-friendly JSON page from the same URL

Learning React

Read Online Guide To Web
Application And Platform
Architectures Springer
Professional Computing

Safety-Driven Web Development

Single Page Web Applications

**Developer's Guide to Web Application
Security**

**A Simple Guide to Programming and
Administering Cloud-Based
Applications**

**The Penetration Tester's Guide to Web
Applications**

JavaScript end-to-end

Including problem-solving
techniques and examples, a
manual offers a hands-on
method to developing
Internet applications
compatible with Oracle's
Web Application Server,
featuring extensive
programming code
demonstrating the use of

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

Oracle's development tools. Original. (Advanced).

This innovative new resource provides both professionals and aspiring professionals with clear guidance on how to identify and exploit common web application vulnerabilities. The book focuses on offensive security and how to attack web applications. It describes each of the Open Web Application Security Project (OWASP) top ten vulnerabilities, including broken authentication, cross-site scripting and insecure deserialization, and details

how to identify and exploit each weakness. Readers learn to bridge the gap between high-risk vulnerabilities and exploiting flaws to get shell access. The book demonstrates how to work in a professional services space to produce quality and thorough testing results by detailing the requirements of providing a best-of-class penetration testing service. It offers insight into the problem of not knowing how to approach a web app pen test and the challenge of integrating a mature pen

Read Online Guide To Web
Application And Platform
Architectures Springer
Professional Computing

testing program into an organization. Based on the author's many years of first-hand experience, this book provides examples of how to break into user accounts, how to breach systems, and how to configure and wield penetration testing tools. Learning React A hands-on guide to building web applications using React and Redux As far as new web frameworks and libraries go, React is quite the runaway success. It not only deals with the most common problems developers face when building complex apps,

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

it throws in a few additional tricks that make building the visuals for such apps much, much easier. What React isn't, though, is beginner-friendly and approachable. Until now. In *Learning React*, author Kirupa Chinnathambi brings his fresh, clear, and very personable writing style to help web developers new to React understand its fundamentals and how to use it to build really performant (and awesome) apps. The only book on the market that helps you get your first React app up and running in just minutes,

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

Learning React is chock-full of colorful illustrations to help you visualize difficult concepts and practical step-by-step examples to show you how to apply what you learn. Build your first React app Create components to define parts of your UI Combine components into other components to build more complex UIs Use JSX to specify visuals without writing full-fledged JavaScript Deal with maintaining state Work with React's way of styling content Make sense of the mysterious component lifecycle Build multi-page

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

apps using routing and views
Optimize your React

workflow using tools such as
Node, Babel, webpack, and
others Use Redux to make
managing your app data and
state easy Contents at a

Glance 1 Introducing React 2
Building Your First React App
3 Components in React 4
Styling in React 5 Creating
Complex Components 6
Transferring Properties 7
Meet JSX... Again! 8 Dealing
with State in React 9 Going
from Data to UI in React 10
Events in React 11 The
Component Lifecycle 12
Accessing DOM Elements in

React 13 Setting Up Your
React Dev Environment 14
Working with External Data
in React 15 Building an
Awesome Todo List App in
React 16 Creating a Sliding
Menu in React 17 Avoiding
Unnecessary Renders in
React 18 Creating a Single-
Page App in React Using
React Router 19 Introduction
to Redux 20 Using Redux
with React

Building a web application
that attracts and retains
regular visitors is tricky
enough, but creating a social
application that encourages
visitors to interact with one

another requires careful planning. This book provides practical solutions to the tough questions you'll face when building an effective community site -- one that makes visitors feel like they've found a new home on the Web. If your company is ready to take part in the social web, this book will help you get started.

Whether you're creating a new site from scratch or reworking an existing site, *Building Social Web Applications* helps you choose the tools appropriate for your audience so you can

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

build an infrastructure that will promote interaction and help the community coalesce. You'll also learn about business models for various social web applications, with examples of member-driven, customer-service-driven, and contributor-driven sites. Determine who will be drawn to your site, why they'll stay, and who they'll interact with Create visual design that clearly communicates how your site works Build the software you need versus plugging in one-size-fits-all, off-the-shelf apps Manage

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

the identities of your visitors
and determine how to

support their interaction

Monitor demand from the
community to guide your

choice of new functions Plan
the launch of your site and
get the message out

A Common Sense Approach
to Web and Mobile

Application Design

A Developer's Guide to the
Semantic Web

Blazor WebAssembly by
Example

Web Application Design
Handbook

Build Quickly with Proven
JavaScript Techniques

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

A Concise Guide to the Weaker Side of the Web Apache 2, Php5, Mysql, Javascript, and Linux/Unix

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

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

WordPress sites. The authors use examples from their recently released SchoolPress app to explain concepts and techniques throughout the book. All code examples are available on GitHub. Compare WordPress with traditional app development frameworks Use themes for views, and plugins for backend functionality Get suggestions for choosing 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 iOS and Android, using wrappers

Read Online Guide To Web Application And Platform

Incorporate PHP libraries,
external APIs, and web
service plugins Collect

payments through ecommerce
and membership plugins Use
techniques to speed up and
scale your WordPress app

This book is a practical
guide to discovering and
exploiting security flaws in
web applications. The
authors explain each
category of vulnerability
using real-world examples,
screen shots and code
extracts. The book is
extremely practical in
focus, and describes in
detail the steps involved in
detecting and exploiting
each kind of security
weakness found within a

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

variety of applications such as online banking, e-commerce and other web applications. The topics covered include bypassing login mechanisms, injecting code, exploiting logic flaws and compromising other users. Because every web application is different, attacking them entails bringing to bear various general principles, techniques and experience in an imaginative way. The most successful hackers go beyond this, and find ways to automate their bespoke attacks. This handbook describes a proven methodology that combines the virtues of human

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

intelligence and computerized brute force, often with devastating results. The authors are professional penetration testers who have been involved in web application security for nearly a decade. They have presented training courses at the Black Hat security conferences throughout the world. Under the alias "PortSwigger", Dafydd developed the popular Burp Suite of web application hack tools.

Uncover the essential guide to securing web applications and web services with the Web Application Security Complete Certification Kit.

Read Online Guide To Web Application And Platform

Architectures Springer

Professional Computing

Web Application Security assists with identifying web application vulnerabilities and implementing application security's best practices. Become a valued member of your organization by learning network security skills, and the processes and strategies that encompass Web Application Security. A web application refers to an application that is accessed by a variety of users and clients over a network. Web Application Security focuses on dealing specifically with maintaining the security of company websites, web applications, and web services. Web Application

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

Security aims to defend and protect your vital information from being accessed, modified, or destructed without authorization. This on-trend certification kit would be beneficial to recent graduates looking to get a foothold in the IT Industry, to businesses looking to maintain information security and protect vital web-based information, to IT professionals looking to secure web based applications and services, and to managers wanting to implement Web Application Security best practices . This certification validates your knowledge of specific

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

methods, models, and/or tools. This is essential to professionals in order to be updated on the latest multimedia trends, and to add to their Web Application Security toolbox. The industry is facing a bold, new world with the amazing developments in Web Application Security technology, and the challenges and the opportunities that this presents are unprecedented. The Web Application Security Complete Certification Kit serves as a complete introductory guide for anyone looking to grasp a better understanding of Web Application Security

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

concepts and their practical
application in any

environment. The Art of
Service's introductory Web
Application Security
training and certification
helps IT practitioners
develop the skills that are
crucial, as businesses
embark on this massive
transformation. It provides
an industry credential for
IT professionals to help
them transform into the
world of Web Application
Security. This training and
certification enables you to
move both the industry and
business forward, and to
quickly take advantage of
the benefits that Web
Application Security

Read Online Guide To Web Application And Platform

Architectures Springer

Professional Computing
applications present. Take
the next step: Get

Certified! The Art of
Service IT Service

Management programs are the
#1 certification programs in
the information management
industry. Being proven means
investing in yourself, and
formally validating your
knowledge, skills, and
expertise by the industry's
most comprehensive learning
and certification program.

The Web Application Security
Complete Certification

course prepares you for Web
Application Security

Certification. Why register?

- Easy and affordable. -

Learning about Web
Application Security

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

technologies has never been more affordable. - Latest industry trends are explained. - Acquire valuable skills and get updated about the industry's latest trends right here. Today. - Learn from the Experts. The Art of Service offers education about Web Application Security and 300 other technologies by the industry's best. - Learn at your own pace. Find everything right here, when you need it, and from wherever you are. What will you learn? - Learn the important concepts, tools, processes, and strategies of Web Application Security. - Learn about the benefits of

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing
implementing Web Application
Security best practices. -

Examine Scanner and Testing
options. - Learn about web
application vulnerabilities.
- Be introduced to web-based
applications. - Research Web
Application Security myths
and realities. Course

Outline The topics covered
in this course are: -

Overview of Web
Applications. - Introduction
to Web Application Security.

- Web Application
Vulnerabilities. - Web
Application S

This innovative new resource
provides both professionals
and aspiring professionals
with clear guidance on how
to identify and exploit

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

common web application vulnerabilities. The book focuses on offensive security and how to attack web applications. It describes each of the Open Web Application Security Project (OWASP) top ten vulnerabilities, including broken authentication, cross-site scripting and insecure deserialization, and details how to identify and exploit each weakness. Readers learn to bridge the gap between high-risk vulnerabilities and exploiting flaws to get shell access. The book demonstrates how to work in a professional services space to produce quality and thorough testing results by

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

detailed the requirements of providing a best-of-class penetration testing service. It offers insight into the problem of not knowing how to approach a web app pen test and the challenge of integrating a mature pen testing program into an organization. Based on the author's many years of first-hand experience, this book provides examples of how to break into user accounts, how to breach systems, and how to configure and wield penetration testing tools. Functional and Security Testing of Web Applications and Web Services The Developer's Guide to Oracle Web Application

Read Online Guide To Web Application And Platform Architectures Springer Server 3

Iberic Web Application

Security Conference, IBWAS
2009, Madrid, Spain,
December 10-11, 2009.

Revised Selected Papers

The Definitive Guide to JSF
in Java EE 8

Html5 Web Application

Development by Example

Beginner's Guide

The Tangled Web

Learning Web App Development

**Express Web Application
Development is a practical
introduction to learning about
Express. Each chapter
introduces you to a different
area of Express, using
screenshots and examples to**

get you up and running as quickly as possible. If you are looking to use Express to build your next web application, "Express Web Application Development" will help you get started and take you right through to Express' advanced features. You will need to have an intermediate knowledge of JavaScript to get the most out of this book. The Manager's Guide to Web Application Security is a concise, information-packed guide to application security risks every organization faces, written in plain language, with guidance on how to deal with

those issues quickly and effectively. Often, security vulnerabilities are difficult to understand and quantify because they are the result of intricate programming deficiencies and highly technical issues. Author and noted industry expert Ron Lepofsky breaks down the technical barrier and identifies many real-world examples of security vulnerabilities commonly found by IT security auditors, translates them into business risks with identifiable consequences, and provides practical guidance about mitigating

them. The Manager's Guide to Web Application Security describes how to fix and prevent these vulnerabilities in easy-to-understand discussions of vulnerability classes and their remediation. For easy reference, the information is also presented schematically in Excel spreadsheets available to readers for free download from the publisher's digital annex. The book is current, concise, and to the point—which is to help managers cut through the technical jargon and make the business decisions required

to find, fix, and prevent serious vulnerabilities.

Web Applications are one of the fastest growing segments of the information technology (IT) industry because it provides a more cost-effective alternative for enterprises to achieve their business objectives than traditional packaged applications. This book covers just about every aspect of Web Applications, from high-level overviews of the different technologies that might be appropriate for upper management, to a very nice series of "hands on" chapters that walk you

**through experimenting with
several of the Web**

**Applications options. Whether
you need a quick primer on
Web Applications so you can
talk shop with those with more
detailed knowledge, or want to
get a sense of the benefits of
the different technologies and
how they fit into the big
picture, this book is an
invaluable resource. It gives
you the vocabulary and
understanding of how all the
pieces fit together than
websites and technical
manuals often miss. All of the
major Web Application
technologies are discussed,**

along with the various drivers for implementing Web Applications, and how to manage migrating to a Web environment. This book delivers precisely what CEOs, CIOs, IT managers, and technologists need to know. Rigorously test and improve the security of all your Web software! It's as certain as death and taxes: hackers will mercilessly attack your Web sites, applications, and services. If you're vulnerable, you'd better discover these attacks yourself, before the black hats do. Now, there's a definitive, hands-on guide to

security-testing any Web-based software: How to Break Web Software. In this book, two renowned experts address every category of Web software exploit: attacks on clients, servers, state, user inputs, and more. You'll master powerful attack tools and techniques as you uncover dozens of crucial, widely exploited flaws in Web architecture and coding. The authors reveal where to look for potential threats and attack vectors, how to rigorously test for each of them, and how to mitigate the problems you find. Coverage

includes · Client vulnerabilities, including attacks on client-side validation · State-based attacks: hidden fields, CGI parameters, cookie poisoning, URL jumping, and session hijacking · Attacks on user-supplied inputs: cross-site scripting, SQL injection, and directory traversal · Language- and technology-based attacks: buffer overflows, canonicalization, and NULL string attacks · Server attacks: SQL Injection with stored procedures, command injection, and server fingerprinting · Cryptography,

privacy, and attacks on Web services Your Web software is mission-critical—it can't be compromised. Whether you're a developer, tester, QA specialist, or IT manager, this book will help you protect that software—systematically.

Express Web Application Development

Developing Web Apps with Haskell and Yesod

Learning Node.js

Building Web Applications with JavaServer Faces

How to Break Web Software

A Hands-On Guide to Building Web Applications in

JavaScript

Building Scalable PHP Web Applications Using the Cloud

IBWAS 2009, the Iberic Conference on Web Applications Security, was the first international conference organized by both the OWASP Portuguese and Spanish chapters in order to join the international Web application security academic and industry communities to present and discuss the major aspects of Web applications security. There is currently a change in the information systems development paradigm. The emergence of Web 2.0 technologies led to the extensive deployment and use of Web-based applications and Web services as a way to develop new and flexible information systems. Such systems are easy to develop, deploy and maintain and they demonstrate impressive features for users, resulting

Read Online Guide To Web Application And Platform

Architectures, Springer
Professional Computing

in their current wide use. The "social" features of these technologies create the necessary "massification" effects that make millions of users share their own personal information and content over large web-based interactive platforms. Corporations, businesses and governments all over the world are also developing and deploying more and more applications to interact with their businesses, customers, suppliers and citizens to enable stronger and tighter relations with all of them. Moreover, legacy non-Web systems are being ported to this new intrinsically connected environment. IBWAS 2009 brought together application security experts, researchers, educators and practitioners from industry, academia and international communities such as OWASP, in order to discuss open

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

problems and new solutions in application security. In the context of this track, academic researchers were able to combine interesting results with the experience of practitioners and software engineers.

The standards for usability and interaction design for Web sites and software are well known. While not everyone uses those standards, or uses them correctly, there is a large body of knowledge, best practice, and proven results in those fields, and a good education system for teaching professionals "how to." For the newer field of Web application design, however, designers are forced to reuse the old rules on a new platform. This book provides a roadmap that will allow readers to put complete working applications on the Web, display the results of a process that is running

Read Online Guide To Web Application And Platform

elsewhere, and update a database on a remote server using an Internet rather than a network connection. *Web Application Design Handbook* describes the essential widgets and development tools that will lead to the right design solutions for your Web application. Written by designers who have made significant contributions to Web-based application design, it delivers a thorough treatment of the subject for many different kinds of applications, and provides quick reference for designers looking for some fast design solutions and opportunities to enhance the Web application experience. This book adds flavor to the standard Web design genre by juxtaposing Web design with programming for the Web and covers design solutions and concepts, such as intelligent

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

generalization, to help software teams successfully switch from one interface to another. * The first interaction design book that focuses exclusively on Web applications. * Full-color figures throughout the book. * Serves as a "cheat sheet" or "fake book" for designers: a handy reference for standards, rules of thumb, and tricks of the trade. * Applicable to new Web-based applications and for porting existing desktop applications to Web browsers.

Summary In Single Page Web Applications you'll learn to build modern browser-based apps that take advantage of stronger client platforms and more predictable bandwidth. You'll learn the SPA design approach, and then start exploring new techniques like structured JavaScript and responsive design. And you'll learn

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

how to capitalize on trends like server-side JavaScript and NoSQL data stores, as well as new frameworks that make JavaScript more manageable and testable as a first-class language. About this Book If your website is a jumpy collection of linked pages, you are behind. Single page web applications are your next step: pushing UI rendering and business logic to the browser and communicating with the 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 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

Read Online Guide To Web Application And Platform

Architectures, Springer
Professional Computing

develop advanced HTML5, CSS3, and
JavaScript skills, and use JavaScript

as the language of the web server and
the database. This book assumes

basic knowledge of web development.

No experience with SPAs is required.

Purchase of the print book includes a
free eBook in PDF, Kindle, and ePub
formats from Manning Publications.

What's Inside Design, build, and test a
full-stack SPA Best-in-class tools like
jQuery, TaffyDB, Node.js, and

MongoDB Real-time web with web
sockets and Socket.IO Touch controls
for tablets and smartphones Common

SPA design mistakes About the

Authors The authors are architects
and engineering managers. Michael
Mikowski has worked on many

commercial SPAs and a platform that
processes over 100 billion requests
per year. Josh Powell has built some

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing
of the most heavily trafficked sites on
the web. Table of Contents PART 1:

INTRODUCING SPAS Our first single
page application Reintroducing

JavaScript PART 2: SPA CLIENT

Develop the Shell Add feature

modules Build the Model Finish the

Model and Data modules PART 3:

THE SPA SERVER The web server

The server database Readyng our

SPA for production

Developer's Guide to Web Application

SecurityElsevier

Learn Django in 24 Hours for

Beginners

Web Application Design and

Implementation

A project-based guide to building web
apps with .NET, Blazor WebAssembly,
and C#

PHP and MongoDB Web Development

Beginner's Guide

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing
Web Programming with the SAP Web
Application Server

Web Application Security Complete
Certification Kit - Core Series for It

Pivotal Certified Spring Web
Application Developer Exam

Annotation With the rise of Web 2.0,
the need for a highly scalable database,
capable of storing diverse user-
generated content is increasing.

MongoDB, an open-source, non-
relational database has stepped up to
meet this demand and is being used in
some of the most popular websites in
the world. MongoDB is one of the
NoSQL databases which is gaining
popularity for developing PHP Web 2.0
applications. PHP and MongoDB Web
Development Beginners Guide is a fast-
paced, hands-on guide to get started
with web application development using
PHP and MongoDB. The book follows a

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

Code first, explain later approach, using practical examples in PHP to demonstrate unique features of MongoDB. It does not overwhelm you with information (or starve you of it), but gives you enough to get a solid practical grasp on the concepts. The book starts by introducing the underlying concepts of MongoDB. Each chapter contains practical examples in PHP that teach specific features of the database. The book teaches you to build a blogging application, handle user sessions and authentication, and perform aggregation with MapReduce. You will learn unique MongoDB features and solve interesting problems like real-time analytics, location-aware web apps etc. You will be guided to use MongoDB alongside MySQL to build a diverse data back-end. With its concise coverage of concepts and numerous

Read Online Guide To Web Application And Platform

Architectures, Springer
Professional Computing

practical examples, PHP and MongoDB Web Development Beginners Guide is the right choice for the PHP developer to get started with learning MongoDB. Learn and master the new features in the JSF 2.3 MVC web framework in this definitive guide written by two of the JavaServer Faces (JSF) specification leads. The authors take you through real-world examples that demonstrate how these new features are used with other APIs in Java EE 8. You'll see the new and exciting ways JSF applications can use to communicate between a client and a server, such as using WebSockets, invoking bean methods directly from Ajax, executing client-side JavaScript when Ajax calls complete, and more Along the way you'll broaden your knowledge of JSF components and web APIs best practices, and learn a great deal about the internals of JSF

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

and the design decisions that have been made when building the JSF API. For example, you'll see what artefacts are now CDI injectable, how CDI changed JSF internally, and what some of the caveats are when working with the CDI versions of a JSF artefact. Furthermore, you'll build an example application from scratch. After reading The Definitive Guide to JSF in Java EE 8, you'll be ready to build your own efficient and secure web applications.

What You Will Learn

- Leverage the new features in JSF 2.3 in your existing applications
- Integrate JSF and CDI
- Use the brand new Component Search Expression framework, which enables you to more easily locate components from your template
- Extend the Component Search Expression framework with your own search operators
- Work with the different ways

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

of mapping requests to JSF, make your application use extensionless URLs, and programmatically inspect which resources are present in your application Master the best practices for web application development and see which are obsolete Who This Book Is For Existing JSF or Java developers who need to create a web UI. No prior knowledge of JSF is required, but the book does skew towards the more experienced developer. Concepts such as dependency injection and MVC are assumed to be known, as is a general knowledge about HTML, HTTP and other web standards.

New concepts and technologies are being introduced continuously for application development in the World-Wide Web. Selecting the right implementation strategies and tools when building a Web application has

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

become a tedious task, requiring in-depth knowledge and significant experience from both software developers and software managers. The mission of this book is to guide the reader through the opaque jungle of Web technologies. Based on their long industrial and academic experience, Stefan Jablonski and his coauthors provide a framework architecture for Web applications which helps choose the best strategy for a given project. The authors classify common technologies and standards like .NET, CORBA, J2EE, DCOM, WSDL and many more with respect to platform, architectural layer, and application package, and guide the reader through a three-phase development process consisting of preparation, design, and technology selection steps. The whole approach is exemplified using a real-

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

world case: the architectural design of an order-entry management system. This second edition of Designing the Obvious explains why and how to design applications that are so easy to use that people attribute their ability to use them effectively to pure common sense. We need to:

- Make decisions based not on whim, but on strategy
- Build only what's absolutely necessary
- Quickly turn beginning users into intermediates
- Prevent errors when possible and gracefully handle those we cannot prevent
- Reduce and refine task flows to make the complex clear
- Design not for users, but for their situations
- Be persuasive by helping users make decisions that align with their needs
- Ignore the demands of users and stick to a vision (gasp!)

Easy Angularjs for Beginners, Your Step-By-Step Guide to Angularjs Web

Read Online Guide To Web Application And Platform

Architectures Springer
Application Development

Exploitation and Countermeasures for
Modern Web Applications

The Web Application Hacker's
Handbook

Guide to Web Applications with
Macromedia Dreamweaver MX 2004
Using ASP.NET

Designing the Obvious

Discovering and Exploiting Security
Flaws

Web Application Security

*Grasp the fundamentals of web
application development by building
a simple database-backed app from
scratch, using HTML, JavaScript, and
other open source tools. Through
hands-on tutorials, this practical
guide shows inexperienced web app
developers how to create a user
interface, write a server, build client-
server communication, and use a*

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

cloud-based service to deploy the application. Each chapter includes practice problems, full examples, and mental models of the development workflow. Ideal for a college-level course, this book helps you get started with web app development by providing you with a solid grounding in the process. Set up a basic workflow with a text editor, version control system, and web browser Structure a user interface with HTML, and include styles with CSS Use JQuery and JavaScript to add interactivity to your application Link the client to the server with AJAX, JavaScript objects, and JSON Learn the basics of server-side programming with Node.js Store data outside your application with Redis and MongoDB Share your application by uploading it to the

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

cloud with CloudFoundry Get basic tips for writing maintainable code on both client and server

Learn AngularJS Web-App

Developing Today With This Easy, Step-By-Step Guide! Do you want to take your knowledge of JavaScript to the next level? Do you want to learn AngularJS in the easiest and most simple way? If so, "ANGULARJS: Easy AngularJS For Beginners" by Felix Alvaro is THE book for you! It covers the most essential topics you must learn to begin programming with AngularJS. AngularJS is one of the most commonly used JavaScript framework. Learning AngularJS will help you in better code organization, easier troubleshooting, and more efficient maintenance. Did you know that AngularJS is open-source and is maintained by Google ? That means

Read Online Guide To Web Application And Platform

*Architectures Springer
Professional Computing*

that the language is here to stay and will be developed throughout the years. What Separates This Book From The Rest? What separates this book from all the others out there is the approach to teaching. A lot of the books you will stumble upon simply throw information at you, leaving you confused and stuck. We believe that books of this nature should be easy to grasp and written in jargon-free English you can understand, making you feel confident and allowing you to grasp each topic with ease. To help you achieve this, the guide has been crafted in a step-by-step manner which we feel is the best way for you to learn a new subject, one step at a time. It also includes various images to give you assurance you are going in the right direction, as well as having exercises where you can

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

proudly practice your newly attained skills. You Will Learn The Following:

*What is AngularJS and it's History
Advantages of using AngularJS How
to set-up your Development
Environment Understanding*

Directives Creating Controllers

*Working with Expressions Using
Filters Creating Modules Exploring
Services Learning Views And much*

*more! So don't delay it any longer.
Take this opportunity and invest in
this guide now. You will be amazed
by the skills you will quickly attain!
Order Now! See you inside!*

*Over 75% of network attacks are
targeted at the web application layer.
This book provides explicit hacks,
tutorials, penetration tests, and step-
by-step demonstrations for security
professionals and Web application
developers to defend their most*

Read Online Guide To Web Application And Platform Architectures. Springer Professional Computing

vulnerable applications. This book defines Web application security, why it should be addressed earlier in the lifecycle in development and quality assurance, and how it differs from other types of Internet security. Additionally, the book examines the procedures and technologies that are essential to developing, penetration testing and releasing a secure Web application. Through a review of recent Web application breaches, the book will expose the prolific methods hackers use to execute Web attacks using common vulnerabilities such as SQL Injection, Cross-Site Scripting and Buffer Overflows in the application layer. By taking an in-depth look at the techniques hackers use to exploit Web applications, readers will be better equipped to protect confidential. The Yankee

Read Online Guide To Web Application And Platform

*Architectures Springer
Professional Computing*
Group estimates the market for Web application-security products and services will grow to \$1.74 billion by 2007 from \$140 million in 2002

Author Michael Cross is a highly sought after speaker who regularly delivers Web Application presentations at leading conferences including: Black Hat,

TechnoSecurity, CanSec West, Shmoo Con, Information Security, RSA Conferences, and more

The Semantic Web represents a vision for how to make the huge amount of information on the Web automatically processable by machines on a large scale. For this purpose, a whole suite of standards, technologies and related tools have been specified and developed over the last couple of years and they have now become the foundation for

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

numerous new applications. A Developer's Guide to the Semantic Web helps the reader to learn the core standards, key components and underlying concepts. It provides in-depth coverage of both the what-is and how-to aspects of the Semantic Web. From Yu's presentation, the reader will obtain not only a solid understanding about the Semantic Web, but also learn how to combine all the pieces to build new applications on the Semantic Web. The second edition of this book not only adds detailed coverage of the latest W3C standards such as SPARQL 1.1 and RDB2RDF, it also updates the readers by following recent developments. More specifically, it includes five new chapters on schema.org and semantic markup, on Semantic Web

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

technologies used in social networks and on new applications and projects such as data.gov and Wikidata and it also provides a complete coding example of building a search engine that supports Rich Snippets.

Software developers in industry and students specializing in Web development or Semantic Web technologies will find in this book the most complete guide to this exciting field available today. Based on the step-by-step presentation of real-world projects, where the technologies and standards are applied, they will acquire the knowledge needed to design and implement state-of-the-art applications.

Establishing Community at the Heart of Your Site

Guide to Web Application and

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

Platform Architectures

A Study Guide

*jQuery Developers' Guide to Moving
State to the Client*

*Building Large-Scale Web
Applications with Angular*

Helps learn how to combine different technologies to create sophisticated, database-driven Web sites. This book allows readers to gain the programming knowledge needed to build a database-driven Web site using a step-by-step approach. It explains each stage of Web site development - from installation to production of the site.

Get hands-on with the newest version of Dreamweaver - Macromedia® Dreamweaver® MX 2004! Users create robust Web sites using the database features of Dreamweaver MX 2004 and explore the e-commerce

Read Online Guide To Web Application And Platform

Architectures Springer
Professional Computing

capabilities of the WA PayPal
eCommerce Toolkit. Students use
these tools to turn the static pages of
La Bonne Cuisine - a fictional online
catering company ? into a powerful,
interactive Web site. Develop and
maintain your own exciting Web pages
using Application Development with
Macromedia® Dreamweaver® MX
2004, using ASP.NET!

Security Smarts for the Self-Guided IT
Professional “Get to know the
hackers—or plan on getting hacked.
Sullivan and Liu have created a savvy,
essentials-based approach to web app
security packed with immediately
applicable tools for any information
security practitioner sharpening his or
her tools or just starting out.” –Ryan
McGeehan, Security Manager,
Facebook, Inc. Secure web
applications from today's most devious

Read Online Guide To Web Application And Platform Architectures Springer Professional Computing

hackers. Web Application Security: A Beginner's Guide helps you stock your security toolkit, prevent common hacks, and defend quickly against malicious attacks. This practical resource includes chapters on authentication, authorization, and session management, along with browser, database, and file security--all supported by true stories from industry. You'll also get best practices for vulnerability detection and secure development, as well as a chapter that covers essential security fundamentals. This book's templates, checklists, and examples are designed to help you get started right away. Web Application Security: A Beginner's Guide features:

- Lingo--Common security terms defined so that you're in the know on the job
- IMHO--Frank and relevant opinions

Read Online Guide To Web Application And Platform

Architectures, Springer
Professional Computing

based on the authors' years of industry
experience Budget Note--Tips for
getting security technologies and
processes into your organization's
budget In Actual Practice--Exceptions
to the rules of security explained in
real-world contexts Your
Plan--Customizable checklists you can
use on the job now Into Action--Tips
on how, why, and when to apply new
skills and techniques at work