

Building Web Apps With Wordpress

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WordPress Web Application Development - Second Edition - Rakhitha Nimesh Ratnayake 2015-05-28

This book is intended for WordPress developers and designers who want to develop quality web applications within a limited time frame and for maximum profit. Prior knowledge of basic web development and design is assumed.

WordPress to Go - Sarah McHarry 2013

If you want to make a website that looks like it was designed by a pro then WordPress is the ideal tool to use. Designing a website need not be difficult or expensive if you have the right guidance. Sarah's WordPress tutorial walks you through creating a website yourself using step-by-step lessons that are easy to follow. Making a website as a beginner has never been easier!

How To Build a Website with HTML - Erin Glass

Modern PHP - Josh Lockhart 2015-02-16

PHP is experiencing a renaissance, though it may be difficult to tell with all of the outdated PHP tutorials online. With this practical guide, you'll learn how PHP has become a full-featured, mature language with object-orientation, namespaces, and a growing collection of reusable component libraries. Author Josh Lockhart—creator of PHP The Right Way, a popular initiative to encourage PHP best practices—reveals these new language features in action. You'll learn best practices for application architecture and planning, databases, security, testing, debugging, and deployment. If you have a basic understanding of PHP and want to bolster your skills, this is your book. Learn modern PHP features, such as namespaces, traits, generators, and closures Discover how to find, use, and create PHP components Follow best practices for application security, working with databases, errors and exceptions, and more Learn tools and techniques for deploying, tuning, testing, and profiling your PHP applications Explore Facebook's HVVM and Hack language implementations—and how they affect modern PHP Build a local development environment that closely matches your production server

Shopify Application Development - Michael Larkin 2014-05-26

This is an easy-to follow manual that will guide you through the entire process of application development with Shopify, beginning with the installation and configuration of your local development environment for your app to the deployment of the app to Heroku. If you are a web developer or a designer who wants to extend Shopify stores by building apps, then this book is for you. A basic understanding of programming concepts and some familiarity with Shopify is all that is required to get started with Shopify app development.

Building Apps with Riot - Collin Green 2018

Building Web Apps with WordPress - Brian Messenlehner 2014-04-08

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 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 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

Building Web Apps with WordPress - Brian Messenlehner 2014

This guide demonstrates, you can use WordPress to build web apps of any type—not mere content sites, but full-blown apps for specific tasks.

You Are Now Less Dumb - David McRaney 2013-07-30

The author of the bestselling You Are Not So Smart shares more discoveries about self-delusion and irrational thinking, and gives readers a fighting chance at outsmarting their not-so-smart brains David McRaney's first book, You Are Not So Smart, evolved from his wildly popular blog of the same name. A mix of popular psychology and trivia, McRaney's insights have struck a chord with thousands, and his blog—and now podcasts and videos—have become an Internet phenomenon. Like You Are Not So Smart, You Are Now Less Dumb is grounded in the idea that we all believe ourselves to be objective observers of reality—except we're not. But that's okay, because our delusions keep us sane. Expanding on this premise, McRaney provides eye-opening analyses of fifteen more ways we fool ourselves every day, including: The Misattribution of Arousal (Environmental factors have a greater affect on our emotional arousal than the person right in front of us) Sunk Cost Fallacy (We will engage in something we don't enjoy just to make the time or money already invested "worth it") Deindividuation (Despite our best intentions, we practically disappear when subsumed by a mob mentality) McRaney also reveals the true price of happiness, why Benjamin Franklin was such a badass, and how to avoid falling for our own lies. This smart and highly entertaining book will be wowing readers for years to come.

WordPress 5 Complete - Karol Król 2019-02-28

An in-depth and comprehensive take on WordPress, covering everything about the platform such as WordPress posts, pages, themes, plugins, and more. Key Features Get up to date with the latest WordPress 5.0 (Bebo) and all its new features Beginner-friendly layout and advice you can apply from day one with loads of screenshots and examples Enrich your development experience with the new block-based editor Gutenberg Book Description Back in the day, when you wanted to launch a new website, you either had to learn web programming yourself or hire a professional who would take care of the whole process for you. Nowadays, with WordPress, anyone can build an optimized site with the least amount of effort possible and then make it available to the world in no time. Here, in the seventh edition of the book, we are going to show you how to build great looking and functional websites using WordPress. The new version of WordPress - 5.0 - comes with a few important changes, and we tell you all about how to use them effectively. From crafting content pages using the block editor, and customizing the design of your site, through to making sure it's secure, we go through it all. The book starts by introducing WordPress and teaching you how to set it up. You are then shown how to create a blog site, start writing content, and even use plugins and themes to customize the design of the site and add some unique elements to set it apart. If you want to get more in-depth, we also show you how to get started creating your own themes and plugins. Finally, we teach you how to use WordPress for building non-blog websites. By the end of the book, you will be sufficiently skilled to design high-quality websites and will be fully familiar with the ins and outs of WordPress. What you will learn Learn to adapt your plugin with the Gutenberg editor Create content that is optimized for publication on the web Craft great looking pages and posts with the use of block editor Structure your web pages in an accessible and clear way Install and work with plugins and themes Customize the design of your website Upload multimedia content, such as images, audio, and video easily and effectively Develop your own WordPress plugins and themes Use WordPress to build websites that serve purposes other than blogs Who this book is for The ideal target audience for this book would

be PHP developers who have some basic knowledge of working with WordPress and who want to get a comprehensive practical understanding of working with WordPress and create production-ready websites with it.

WordPress Development in Depth - Peter MacIntyre 2020-08-25

WordPress Plugin Development Cookbook - Yannick Lefebvre 2012

This is a cookbook with step-by-step instructions and code examples required to learn WordPress plugin development easily. If you are a WordPress user, developer, or a site integrator with basic knowledge of PHP and an interest to create new plugins to address your personal needs, client needs, or share with the community, then this book is for you.

Professional WordPress Plugin Development - Brad Williams 2011-02-17

Taking WordPress to the next level with advanced plugin development WordPress is used to create self-hosted blogs and sites, and it's fast becoming the most popular content management system (CMS) on the Web. Now you can extend it for personal, corporate and enterprise use with advanced plugins and this professional development guide. Learn how to create plugins using the WordPress plugin API: utilize hooks, store custom settings, craft translation files, secure your plugins, set custom user roles, integrate widgets, work with JavaScript and AJAX, create custom post types. You'll find a practical, solutions-based approach, lots of helpful examples, and plenty of code you can incorporate! Shows you how to develop advanced plugins for the most popular CMS platform today, WordPress Covers plugin fundamentals, how to create and customize hooks, internationalizing your site with translation files, securing plugins, how to create customer users, and ways to lock down specific areas for use in corporate settings Delves into advanced topics, including creating widgets and metaboxes, debugging, using JavaScript and AJAX, Cron integration, custom post types, short codes, multi site functions, and working with the HTTP API Includes pointers on how to debug, profile and optimize your code, and how to market your custom plugin Learn advanced plugin techniques and extend WordPress into the corporate environment.

Building Web Apps with Spring 5 and Angular - Ajitesh Shukla

2017-08-24

A complete guide to build robust and scalable web applications with Spring and Angular. About This Book This hands on guide will teach you how to build an end-to-end modern web application using Spring and Angular. It is easy to read and will benefit Java developers who have been used to develop the back-end part of web application while front-end (UI) has been left for UI developers. Learn the core aspects involved in developing the backend and the UI, right from designing to integrating and deploying. Who This Book Is For This book is targeted towards Java Web Developers with a basic knowledge of Spring who want to build complete web applications in a fast and effective way. They will want to gain a stronghold on both frontend and backend development to advance in their careers. What You Will Learn Set up development environment for Spring Web App and Angular app. Process web request and response and build REST API endpoints. Create data access components using Spring Web MVC framework and Hibernate Use Junit 5 to test your application Learn the fundamental concepts around building Angular Configure and use Routes and Components. Protect Angular app content from common web vulnerabilities and attacks. Integrate Angular apps with Spring Boot Web API endpoints Deploy the web application based on CI and CD using Jenkins and Docker containers In Detail Spring is the most popular application development framework being adopted by millions of developers around the world to create high performing, easily testable, reusable code. Its lightweight nature and extensibility helps you write robust and highly-scalable server-side web applications. Coupled with the power and efficiency of Angular, creating web applications has never been easier. If you want build end-to-end modern web application using Spring and Angular, then this book is for you. The book directly heads to show you how to create the backend with Spring, showing you how to configure the Spring MVC and handle Web requests. It will take you through the key aspects such as building REST API endpoints, using Hibernate, working with Junit 5 etc. Once you have secured and tested the backend, we will go ahead and start working on the front end with Angular. You will learn about fundamentals of Angular and Typescript and create an SPA using components, routing etc. Finally, you will see how to integrate both the applications with REST protocol and deploy the application using tools such as Jenkins and Docker. Style and approach This is a straightforward guide that shows how to build a complete web

application in Angular and Spring.

Building Web Apps with WordPress - Brian Messenlehner 2014-04-08

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 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 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

Building Web Apps with WordPress, 2nd Edition - Brian

Messenlehner 2019

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 WordPress sites. In the book's updated second edition, 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 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 With Early Release ebooks, you get books in their earliest form—the author's raw and unedited content as he or she writes—so you can take advantage of these technologies long before the official release of these titles.

WordPress 5 Cookbook - Rakhitha Nimesh Ratnayake 2020-03-21

Explore built-in WordPress features and the power of advanced plugins and themes for building modern websites using exciting recipes Key Features Build custom features and extend built-in features in WordPress with custom coding and plugins Get to grips with extending WordPress as an application framework Manage non-functional aspects of your website such as security, performance, and maintenance Book Description WordPress has been the most popular content management system (CMS) for many years and is now powering over 30% of all websites globally. With the demand for WordPress development and skilled developers ever-increasing, now is the best time to learn WordPress inside out. This book starts with simple recipes for configuring WordPress and managing basic platform features. You'll then move on to explore how to install and customize WordPress plugins, widgets, and themes. The next few chapters cover recipes for content and user-management-related topics such as customizing the content display, working with content types, using the new Gutenberg editor, and customizing editorial workflow for building advanced blogs. As you advance, you'll learn how to use WordPress as an application framework as well as a platform for building e-commerce sites. This WordPress book will also help you optimize your site to maximize visibility on search engines, add interactivity, and build a user community to make the site profitable. Finally, you'll learn how to maintain a WordPress site smoothly while taking precautions against possible security threats. By the end of the book, you'll have the tools and skills required to build and maintain modern WordPress websites with the latest technologies and be able to find quick solutions to common WordPress problems. What you will learn Install and customize WordPress themes and plugins for building websites Develop modern web designs without the need to write any code Explore the new Gutenberg content editor introduced in WordPress 5 (Bebo) Use the existing WordPress plugins to add custom features and monetize your website Improve user interaction and

accessibility for your website with simple tricks Discover powerful techniques for maintaining and securing your websites Extend built-in WordPress features for advanced website management Who this book is for This book is for beginners who want to build powerful modern websites with minimum coding knowledge and intermediate web developers who want to extend the basic features of WordPress to cater to advanced modern website technologies. Although prior experience with WordPress is not required, familiarity with basic PHP, HTML, and CSS is necessary to understand the concepts covered.

Angular Development with TypeScript - Anton Moiseev 2018-12-05
Summary Angular Development with TypeScript, Second Edition is an intermediate-level tutorial that introduces Angular and TypeScript to developers comfortable with building web applications using other frameworks and tools. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Whether you're building lightweight web clients or full-featured SPAs, Angular is a clear choice. The Angular framework is fast, efficient, and widely adopted. Add the benefits of developing in the statically typed, fully integrated TypeScript language, and you get a programming experience other JavaScript frameworks just can't match. About the Book Angular Development with TypeScript, Second Edition teaches you how to build web applications with Angular and TypeScript. Written in an accessible, lively style, this illuminating guide covers core concerns like state management, data, forms, and server communication as you build a full-featured online auction app. You'll get the skills you need to write type-aware classes, interfaces, and generics with TypeScript, and discover time-saving best practices to use in your own work. What's inside Code samples for Angular 5, 6, and 7 Dependency injection Reactive programming The Angular Forms API About the Reader Written for intermediate web developers familiar with HTML, CSS, and JavaScript. About the Author Yakov Fain and Anton Moiseev are experienced trainers and web application developers. They have coauthored several books on software development. Table of Contents Introducing Angular The main artifacts of an Angular app Router basics Router advanced Dependency injection in Angular Reactive programming in Angular Laying out pages with Flex Layout Implementing component communications Change detection and component lifecycle Introducing the Forms API Validating forms Interacting with servers using HTTP Interacting with servers using the WebSocket protocol Testing Angular applications Maintaining app state with ngrx

Learning WordPress REST API - Sufyan bin Uzayr 2016-07-28
A practical tutorial to get you up and running with the revolutionary WordPress REST API About This Book Learn how to run the latest WordPress REST API with various platforms Create exciting apps and manage non-WordPress content with them Secure, export, and manage your data through illustrative examples Who This Book Is For This book is for WordPress developers and designers who want to get a complete practical understanding of the WordPress REST API and leverage it to create fully-featured web apps. What You Will Learn Use the WordPress REST API to read, write, and edit posts Create and work with metadata using the WordPress REST API Work with taxonomies using the REST API Add custom routes and build apps using the WordPress REST API Process requests and integrate with external applications and frameworks Make your WordPress projects ready for the RESTful API standard In Detail The WordPress REST API is a recent innovation that has the potential to unlock several new opportunities for WordPress developers. It can help you integrate with technologies outside of WordPress, as well as offer great flexibility when developing themes and plugins for WordPress. As such, the REST API can make developers' lives easier. The book begins by covering the basics of the REST API and how it can be used along with WordPress. Learn how the REST API interacts with WordPress, allowing you to copy posts and modify post metadata. Move on to get an understanding of taxonomies and user roles in WordPress and how to use them with the WordPress REST API. Next, find out how to edit and process forms with AJAX and how to create custom routes and functions. You will create a fully-functional single page web app using a WordPress site and the REST API. Lastly, you will see how to deal with the REST API in future versions and will use it to interact it with third-party services. By the end of the book, you will be able to work with the WordPress REST API to build web applications. Style and Approach A step by step tutorial to explain the new and exciting world of the WordPress REST API with the real world examples. Building Serverless Web Applications - Diego Zanon 2017-07-28
Build scalable, efficient, and highly available web apps using AWS About This Book Get an in-depth understanding of the serverless model Build a

complete serverless web application end to end Learn how to use the Serverless Framework to improve your productivity Who This Book Is For If you're looking to learn more about scalable and cost-efficient architectures, this book is for you. Basic knowledge of Node.js skills or familiarity with cloud services is required. For other topics, we cover the basics. What You Will Learn Get a grasp of the pros and cons of going serverless and its use cases Discover how you can use the building blocks of AWS to your advantage Set up the environment and create a basic app with the Serverless Framework Host static files on S3 and CloudFront with HTTPS support Build a sample application with a frontend using React as an SPA Develop the Node.js backend to handle requests and connect to a SimpleDB database Secure your applications with authentication and authorization Implement the publish-subscribe pattern to handle notifications in a serverless application Create tests, define the workflow for deployment, and monitor your app In Detail This book will equip you with the knowledge needed to build your own serverless apps by showing you how to set up different services while making your application scalable, highly available, and efficient. We begin by giving you an idea of what it means to go serverless, exploring the pros and cons of the serverless model and its use cases. Next, you will be introduced to the AWS services that will be used throughout the book, how to estimate costs, and how to set up and use the Serverless Framework. From here, you will start to build an entire serverless project of an online store, beginning with a React SPA frontend hosted on AWS followed by a serverless backend with API Gateway and Lambda functions. You will also learn to access data from a SimpleDB database, secure the application with authentication and authorization, and implement serverless notifications for browsers using AWS IoT. This book will describe how to monitor the performance, efficiency, and errors of your apps and conclude by teaching you how to test and deploy your applications. Style and approach This book takes a step-by-step approach on how to use the Serverless Framework and AWS services to build Serverless Applications. It will give you a hands-on feeling, allowing you to practice while reading. It provides a brief introduction of concepts while keeping the focus on the practical skills required to develop applications.

Laravel: Up & Running - Matt Stauffer 2019-04-01
What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its ecosystem of tools let you quickly build new sites and applications with clean, readable code. Fully updated to cover Laravel 5.8, the second edition of this practical guide provides the definitive introduction to one of today's most popular web frameworks. Matt Stauffer, a leading teacher and developer in the Laravel community, delivers a high-level overview and concrete examples to help experienced PHP web developers get started with this framework right away. This updated edition also covers Laravel Dusk and Horizon and provides information about community resources and other noncore Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and filtering user-provided data The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPUnit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs Interfaces for filesystem access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing

Building eCommerce Applications - Developers from DevZone 2011-10-04
This collection of articles and blog entries is representative of the full spectrum of commerce-related content we've published on PayPal's Developer Network over the past year. You will find tutorials and quick reference pieces for developers. With the creation of x.commerce we have expanded our coverage to address the needs of eBay and Magento developers and you can expect to see more content focused on helping both the developer and merchant communities in the coming year. Our team has covered a wide variety of topics including building mobile shopping carts, QR codes, working with various PayPal APIs, including how to integrate PayPal with other technologies such as WordPress. Three main themes have emerged in the commerce world today: Mobile, Social, and Local. Expect to see more coverage of these in the coming months.

Cloud Application Architectures - George Reese 2009-04-01
If you're involved in planning IT infrastructure as a network or system architect, system administrator, or developer, this book will help you adapt your skills to work with these highly scalable, highly redundant

infrastructure services. While analysts hotly debate the advantages and risks of cloud computing, IT staff and programmers are left to determine whether and how to put their applications into these virtualized services. Cloud Application Architectures provides answers -- and critical guidance -- on issues of cost, availability, performance, scaling, privacy, and security. With Cloud Application Architectures, you will: Understand the differences between traditional deployment and cloud computing Determine whether moving existing applications to the cloud makes technical and business sense Analyze and compare the long-term costs of cloud services, traditional hosting, and owning dedicated servers Learn how to build a transactional web application for the cloud or migrate one to it Understand how the cloud helps you better prepare for disaster recovery Change your perspective on application scaling To provide realistic examples of the book's principles in action, the author delves into some of the choices and operations available on Amazon Web Services, and includes high-level summaries of several of the other services available on the market today. Cloud Application Architectures provides best practices that apply to every available cloud service. Learn how to make the transition to the cloud and prepare your web applications to succeed.

WordPress Development Quick Start Guide - Rakhitha Nimesh Ratnayake 2018-10-31

Learn core WordPress concepts and components to create modern WordPress-based solutions Key Features Learn the foundations of WordPress development and its hook-based architecture Choose the right components for any development task Build flexible solutions that works with existing plugins and themes Book Description WordPress is the most used CMS in the world and is the ideal way to share your knowledge with a large audience or build a profitable business. Getting started with WordPress development has often been a challenge for novice developers, and this book will help you find your way. This book explains the components used in WordPress development, when and where to use them, and why you should be using each component in specific scenarios. You begin by learning the basic development setup and coding standards of WordPress. Then you move into the most important aspects of the theme and plugin development process. Here you will also learn how themes and plugins fit into the website while learning about a range of techniques for extending themes and plugins. With the basics covered, we explore many of the APIs provided by WordPress and how we can leverage them to build rapid solutions. Next, we move on to look at the techniques for capturing, processing, and displaying user data when integrating third-party components into the site design. Finally, you will learn how to test and deploy your work with secure and maintainable code, while providing the best performance for end users. What you will learn Explore the role of themes, plugins, and built-in features in development Adapt to built-in modules and built-in database structures Write code for WordPress's hook-based architecture Build, customize, and integrate WordPress plugins Extend themes with custom design templates Capture and process data with built-in features and custom forms Improve usability with AJAX and third-party components Manage non-functional aspects, such as security, performance, and migration Who this book is for This book is for web developers and site owners who want to build custom websites with WordPress. Basic knowledge of PHP, JavaScript, HTML and CSS is required to get most out of this book.

Flask Web Development - Miguel Grinberg 2018-03-05

Take full creative control of your web applications with Flask, the Python-based microframework. With the second edition of this hands-on book, you'll learn the framework from the ground up by developing, step-by-step, a real-world project created by author Miguel Grinberg. This refreshed edition accounts for important technology changes that have occurred in the past three years. You'll learn the framework's core functionality, as well as how to extend applications with advanced web techniques such as database migration and web service communication. The first part of each chapter provides you with reference and background for the topic in question, while the second part guides you through a hands-on implementation of the topic. If you have Python experience, this book shows you how to take advantage of the creative freedom Flask provides.

Practical Web Development - Paul Wellens 2015-07-30

Web development has grown to become vital in shaping how humans interact, work, learn, and consume. Practical Web Development provides you with a roadmap of web development today, giving you the tools you need and the guidance to keep you creative and productive in a world of disruption and innovation. Beginning with the structure of the Web and

the principles of building basic websites with HTML, you will learn about CSS, JavaScript, and PHP, before taking a closer look at some of the leading technologies used to build the modern Web. You will integrate jQuery, Ajax, and JSON into your projects before moving on to the latest tools and techniques in responsive web design, including Zurb Foundation or Bootstrap, to help you meet the challenges of developing for multiple devices, and explore how Node.js offers a powerful solution to server-side application development. This book is for anyone that wants to get to grips with the broader picture of web development today.

WordPress Web Application Development - Rakhitha Nimesh Ratnayake 2017-05-30

Learn in easy stages how to rapidly build leading-edge web applications from scratch. About This Book Develop powerful web applications rapidly with WordPress Explore the significant features and improvements introduced in WordPress 4.7 by learning the numerous tips and techniques in this book. Unleash the power of REST API endpoints to make your interaction with websites new and innovative. Who This Book Is For This book is targeted at WordPress developers and designers who want to develop quality web applications within a limited time frame and maximize their profits. A prior knowledge of basic web development and design is assumed. What You Will Learn Develop extendable plugins with the use of WordPress features in core modules Develop pluggable modules to extend the core features of WordPress as independent modules Manage permissions for a wide range of content types in web applications based on different user types Follow WordPress coding standards to develop reusable and maintainable code Build and customize themes beyond conventional web layouts Explore the power of core database tables and understand the limitations when designing database tables for large applications Integrate open source modules into WordPress applications to keep up with the latest open source technologies Customize the WordPress admin section and themes to create the look and feel of a typical web application In Detail WordPress is one of the most rapidly expanding markets on the Web. Learning how to build complex and scalable web applications will give you the ability and knowledge to step into the future of WordPress. WordPress 4.7 introduces some exciting new improvements and several bug fixes, which further improve the entire development process. This book is a practical, scenario-based guide to expanding the power of the WordPress core modules to develop modular and maintainable real-world applications from scratch. This book consistently emphasizes adapting WordPress features into web applications. It will walk you through the advanced usages of existing features such as access controlling; database handling; custom post types; pluggable plugins; content restrictions; routing; translation; caching; and many more, while you build the backend of a forum management application. This book begins by explaining how to plan the development of a web application using WordPress' core features. Once the core features are explained, you will learn how to build an application by extending them through custom plugin development. Finally, you will explore advanced non-functional features and application integration. After reading this book, you will have the ability to develop powerful web applications rapidly within limited time frames. Style and approach An extensive, practical guide that explains how to adapt WordPress features, both conventional and trending, for web applications.

Building Progressive Web Apps - Tal Ater 2017-08-08

Move over native apps. New progressive web apps have capabilities that will soon make you obsolete. With this hands-on guide, web developers and business execs will learn how—and why—to develop web apps that take advantage of features that have so far been exclusive to native apps. Features that include fast load times, push notifications, offline access, homescreen shortcuts, and an entirely app-like experience. By leveraging the latest browser APIs, progressive web apps combine all of the benefits of native apps, while avoiding their issues. Throughout the book, author Tal Ater shows you how to improve a simple website for the fictional Gotham Imperial Hotel into a modern progressive web app. Plus: Understand how service workers work, and use them to create sites that launch in an instant, regardless of the user's internet connection Create full-screen web apps that launch from the phone's homescreen just like native apps Re-engage users with push notifications, even days after they have left your site Embrace offline-first and build web apps that gracefully handle loss of connectivity Explore new UX opportunities and challenges presented by progressive web apps

Graph Algorithms - Mark Needham 2019-05-16

Discover how graph algorithms can help you leverage the relationships within your data to develop more intelligent solutions and enhance your

machine learning models. You'll learn how graph analytics are uniquely suited to unfold complex structures and reveal difficult-to-find patterns lurking in your data. Whether you are trying to build dynamic network models or forecast real-world behavior, this book illustrates how graph algorithms deliver value—from finding vulnerabilities and bottlenecks to detecting communities and improving machine learning predictions. This practical book walks you through hands-on examples of how to use graph algorithms in Apache Spark and Neo4j—two of the most common choices for graph analytics. Also included: sample code and tips for over 20 practical graph algorithms that cover optimal pathfinding, importance through centrality, and community detection. Learn how graph analytics vary from conventional statistical analysis Understand how classic graph algorithms work, and how they are applied Get guidance on which algorithms to use for different types of questions Explore algorithm examples with working code and sample datasets from Spark and Neo4j See how connected feature extraction can increase machine learning accuracy and precision Walk through creating an ML workflow for link prediction combining Neo4j and Spark

Wordpress Web Application Development - Rakhitha Nimesh Ratnayake 2017-05-29

Learn in easy stages how to rapidly build leading-edge web applications from scratch. About This Book* Develop powerful web applications rapidly with WordPress* Explore the significant features and improvements introduced in WordPress 4.7 by learning the numerous tips and techniques in this book. * Unleash the power of REST API endpoints to make your interaction with websites new and innovative. Who This Book Is For This book is targeted at WordPress developers and designers who want to develop quality web applications within a limited time frame and maximize their profits. A prior knowledge of basic web development and design is assumed. What You Will Learn* Develop extendable plugins with the use of WordPress features in core modules* Develop pluggable modules to extend the core features of WordPress as independent modules* Manage permissions for a wide range of content types in web applications based on different user types* Follow WordPress coding standards to develop reusable and maintainable code* Build and customize themes beyond conventional web layouts* Explore the power of core database tables and understand the limitations when designing database tables for large applications* Integrate open source modules into WordPress applications to keep up with the latest open source technologies* Customize the WordPress admin section and themes to create the look and feel of a typical web application In Detail WordPress is one of the most rapidly expanding markets on the Web. Learning how to build complex and scalable web applications will give you the ability and knowledge to step into the future of WordPress. WordPress 4.7 introduces some exciting new improvements and several bug fixes, which further improve the entire development process. This book is a practical, scenario-based guide to expanding the power of the WordPress core modules to develop modular and maintainable real-world applications from scratch. This book consistently emphasizes adapting WordPress features into web applications. It will walk you through the advanced usages of existing features such as access controlling; database handling; custom post types; pluggable plugins; content restrictions; routing; translation; caching; and many more, while you build the backend of a forum management application. This book begins by explaining how to plan the development of a web application using WordPress' core features. Once the core features are explained, you will learn how to build an application by extending them through custom plugin development. Finally, you will explore advanced non-functional features and application integration. After reading this book, you will have the ability to develop powerful web applications rapidly within limited time frames. Style and approach An extensive, practical guide that explains how to adapt WordPress features, both conventional and trending, for web applications.

WordPress for Web Developers - Stephanie Leary 2013-06-25

A complete guide for web designers and developers who want to begin building and administering sites with WordPress.

Building Web Apps with WordPress - Brian Messenlehner. Jason Coleman 2014

Modern JavaScript - James Kolce 2017-08-16

It's not uncommon these days to see people complaining about just how complex JavaScript development seems to have become. We can have some sympathy with that view when it's coming from someone new to the language. If you're learning JS, it won't take long for you to be exposed

to the enormity of the ecosystem and the sheer number of moving pieces you need to understand (at least conceptually) to build a modern web application. Package management, linting, transpilation, module bundling, minification, source maps, frameworks, unit testing, hot reloading... it can't be denied that this is a lot more complex than just including a couple of script tags in your page and FTPing it up to the server. Included topics: The Anatomy of a Modern JavaScript Application by James Kolce An Introduction to Gulp.js by Craig Buckler The Basics of DOM Manipulation in Vanilla JavaScript (No jQuery) by Sebastian Seitz A Beginner's Guide to Webpack 2 and Module Bundling by Mark Brown React vs Angular: An In-depth Comparison by Pavels Jelisejevs Retrofit Your Website as a Progressive Web App by Craig Buckler 10 Tips to Become a Better Node Developer by Azat Mardan An Introduction to Functional JavaScript by M. David Green An Introduction to Chart.js 2.0 : Six Simple Examples by Jack Rometty Learning JavaScript Test-Driven Development by Example by James Wright This book is for intermediate level JavaScript developers. Some experience of JavaScript development is assumed.

Realtime Web Apps - Jason Lengstorf 2013-06-25

Realtime Web Apps: With HTML5 WebSocket, PHP, and jQuery is a guide for beginner- to intermediate-level web developers looking to take the next leap forward in website and app development: realtime. With Realtime Web Apps, you'll be able to quickly get up to speed on what HTML5 WebSocket does, how it is going to affect the future of the web as we know it, and—thanks to Pusher's simple API—start developing your first realtime app today. Using a practical approach rather than focusing on dry theory, Realtime Web Apps will guide you through building your first app using HTML5, CSS3, jQuery, and Pusher. After your initial introduction to the technologies used in the book, you'll immediately jump into the process of creating a realtime Q&A app that will work on desktop browsers as well as mobile phones (including iOS and Android). In addition to learning realtime development strategies, you'll also learn progressive development strategies including responsive CSS3 layouts, AJAX development with jQuery, and more. The future of the web is realtime. Grab your hoverboard. Introduces you to the revolutionary capabilities of the HTML5 WebSocket API Gets you started with WebSocket immediately using the super-simple Pusher API Walks you through the development of a real-life realtime web app Gets you working with responsive layouts, jQuery, and AJAX development

WordPress for Beginners 2021 - Dr Andy Williams 2020-12-22

Master WordPress using our proven step-by-step visual approach (over 330 screenshots). This book is a major new release for 2021, covering the latest version of WordPress. If major changes do occur to WordPress during 2021, you can visit our updates web page for details, so you can always be up to date. Building a beautiful, professional-looking WordPress website (or a blog) is no longer the computer geeks' domain. WordPress makes it possible for anyone to create and run a website that looks great on any device - PC, Mac, tablet, and phone. Whether you want to build a business site, an affiliate site, a hobby site, or a blog, WordPress is a great choice, and this book shows you how. The primary goal of this book is to take anyone, even an absolute beginner, from zero to WordPress "guru" in a few short hours. Inside this book, veteran WordPress expert Andy Williams will start at the very beginning. You'll learn essential topics like: - The two different versions of WordPress. - How to set up web hosting and domain registrar the correct way. - Installing WordPress. - A Dashboard overview. - Cleaning out the stuff that is installed by default. - Finding and installing WordPress themes to change the look and feel of your website instantly. - Plugins. What they are and how they can add fabulous features to your site. - How to update WordPress, themes, and plugins. - Understand every single setting. You can use our suggested defaults. - How to find and use the RSS feeds to help search engines find your content. - Importance of user-profiles and assigning an image (Gravatar) to your email address. - Creating great navigation systems on your site, with custom menus, internal linking, and related posts. - Enabling and dealing with visitor comments. - Using the media library for images, video, and more. - The difference between pages and posts, and when to use each one. - Effective use of categories and tags. Misusing these can get your site penalized or even banned from search engines. - How to create content using both the Classic editor and the new Gutenberg editor. - Publish or schedule posts for a future date. - Post revisions. - Two different types of homepage. A blog-style page v a more traditional "static" homepage. - Using widgets on your site to add neat features. - Types of sites you can build with WordPress (blog, business, typical site), with videos on setting these up. We'll also cover a few vital plugins to: - Automatically take backups and

get them sent to the cloud. - Automatically create important legal pages on your site, like terms and privacy policy. - Creating a contact page so visitors can contact you. - Add a related posts section to the end of every post to keep visitors on site longer. - Setup good SEO practices. - Setup social sharing buttons on your site, so visitors can easily share your pages with friends. Most people learn better when they can see what they are reading about, so this book isn't shy with screenshots. There are over 330 of them, plus additional videos, showing you precisely what you will see on your screen and prompting you to take specific actions as you learn and master WordPress. You may have heard that WordPress has a steep learning curve. With this book, you won't even notice it. Most chapters end with a "Tasks to Complete" section. By completing these tasks, you'll not only become proficient with WordPress; you'll become confident at using WordPress. By the end of the book, you'll be building great looking, professional WordPress websites that look fantastic on any device. And you'll enjoy doing it! Note: This book covers the self-hosted .org version of WordPress but contains a hack for the .com users to switch their dashboard so they can follow along.

Professional WordPress - Hal Stern 2010-10-19

An in-depth look at the internals of the WordPress system. As the most popular blogging and content management platform available today, WordPress is a powerful tool. This exciting book goes beyond the basics and delves into the heart of the WordPress system, offering overviews of the functional aspects of WordPress as well as plug-in and theme development. What is covered in this book? WordPress as a Content Management System Hosting Options Installing WordPress Files Database Configuration Dashboard Widgets Customizing the Dashboard Creating and Managing Content Categorizing Your Content Working with Media Comments and Discussion Working with Users Managing, Adding, Upgrading, and Using the Theme Editor Working with Widgets Adding and Managing New Plugins Configuring WordPress Exploring the Code Configuring Key Files wp-config.php file Advanced wp-config Options What's in the Core? WordPress Codex and Resources Understanding and customizing the Loop Building A Custom Query Complex Database Operations Dealing With Errors Direct Database Manipulation Building Your Own Taxonomies Plugin Packaging Create a Dashboard Widget Creating a Plugin Example Publish to the Plugin Directory Installing a Theme Creating Your Own Theme How and When to Use Custom Page Templates How to Use Custom Page Templates Pushing Content from WordPress to Other Sites Usability and Usability Testing Getting Your Site Found How Web Standards Get Your Data Discovered Load Balancing Your WordPress Site Securing Your WordPress Site Using WordPress in the Enterprise Is WordPress Right for Your Enterprise? and much more!

WordPress For Dummies® - Lisa Sabin-Wilson 2010-07-30

The bestselling guide to WordPress, fully updated for newest version of WordPress WordPress, the popular, free blogging platform, has been updated with new features and improvements. Bloggers who are new to WordPress will learn to take full advantage of its flexibility and usability with the advice in this friendly guide. Previous editions have sold nearly 50,000 copies, and interest in blogging continues to explode. WordPress is a state-of-the-art blog platform that emphasizes aesthetics, Web standards, and usability WordPress For Dummies, 3rd Edition covers

both the free-hosted WordPress.com version and WordPress.org, which requires users to purchase Web hosting services Written by an expert who works directly with the developers and cofounder of WordPress Shows readers how to set up and maintain a blog with WordPress and how to use all the new features Like its earlier editions, WordPress For Dummies, 3rd Edition helps bloggers quickly and easily take advantage of everything this popular blogging tool has to offer.

WordPress Websites Step-by-step - Caimin Jones 2014

"WordPress is the single most popular way to create a website or blog. It's used by Fortune 500 companies, small businesses, authors, photographers, bloggers and non-profits to build a professional websites easily. You can do the same - and you don't need to be a computer expert or web geek. This easy to use visual guide shows you everything you need to know. There's also a bonus chapter on getting the first visitors to your site, along with additional video tutorials by the author. Plus, the book is packed with links to additional resources and free design themes and plugins to help you build a website on a budget. Clear explanations and over 55 images of the admin screens and tools mean you can see exactly how to do everything. Whether you want to build a simple website for your company or organization, make money with a blog or a full online store, this non-geek guide will get you online quickly - saving you time and frustration."--

Building Your Online Store With WordPress and WooCommerce - Lisa Sims 2018-10-13

Teaches you all about e-commerce and how to create your own online shop using WordPress and WooCommerce. Regardless of a business's size, e-commerce helps level the playing field, increases a business's exposure, allows companies to reach customers globally, and streamlines the fulfillment process. In the past, e-commerce websites were expensive, technically difficult, and time-consuming to create but not anymore. WordPress and WooCommerce together are a complete e-commerce solution that can be used to sell both physical and digital products online. You'll learn how to install WordPress and how to plan your e-commerce solution with WooCommerce as well as install, create, secure, test, and market a sample online store. Save time and money by planning your own e-commerce strategy without paying expensive consultants. Increase your brand and products' or services' exposure to your target customers, and increase sales by offering target customers the ability to purchase products online as well as reach potential customers globally. What You'll Learn Plan an effective ecommerce strategy Choose a payment merchant and which products or services to sell online Secure your store and add products, descriptions, categories, images, and prices Maintain and expand your online store with WooCommerce extensions Who This Book Is For Ideal for entrepreneurs and small business owners who know their products (physical or digital), but lack the technical background and skills to setup an online store to sell their products and services.

Wordpress Mobile Applications with PhoneGap - Yuxian Eugene Liang 2012-11-23

This is a practical step-by-step tutorial. If you are a developer with basic knowledge of Wordpress, HTML/CSS/JavaScript seeking to understand how to further your knowledge in creating cross-platform mobile applications using PhoneGap, then this book is for you.