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Learn how to build a beautiful and feature-rich website or blog with WordPress all on your own. About This Book Learn how to build a WordPress site quickly and effectively, and how to create content that's optimized for publication on the web. Learn the basics of working with WordPress themes and plugins, and even create your own. Beginner-friendly layout and advice you can apply from day 1. Packed with screenshots and examples. Who This Book Is For This book is for anyone who wants to learn how to create a functional website, without having to hire a developer or a designer. The best thing about WordPress—the open source software that we're going to be using—is that it has a minimal learning curve and that everyone can master it quickly. No specific website building experience is required. Having said that, this book will also appeal to everyone who wants to get a bit more in-depth with WordPress development and start working on their own plugins and themes. What You Will Learn What WordPress is, where to get it, and how to launch your website quickly using it. How to publish your first content (a blog post or article). What the most important sub-pages of a quality website are, and how to create them in WordPress. How to upload multimedia content such as images, audio, and video. How to install and work with plugins

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and widgets. Where to find quality themes and how to install them. How to develop your own WordPress plugins and themes. In Detail WordPress Complete, Sixth Edition is a practical guide for everyone who wants to start their journey as an online publisher, website owner, or even a website developer. It takes you step-by-step through the process of planning out and building your site, and offers loads of screenshots and examples along the way. It's also a beginner's guide to theme and plugin development. This book begins with the basics of WordPress, followed by the different components that you as a developer will need to use to work swiftly and efficiently. The book starts by introducing WordPress to new readers in this field. You are then shown how to set it up, implement a blog, and use plug-ins and widgets. You'll use themes to make any website look and feel better and more original. You also learn how to create your own themes and perform testing to ensure your website is bug-free. You will also acquire some idea of how to use WordPress for non-blog-like websites. By the end of the book, you will feel confident enough to design high-quality websites and will be familiar with the ins and outs of WordPress. Style and approach This is a step-by-step tutorial, where we show you how you build a professional-grade website from the ground up, adding more and more complex features as we move on.

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"A past-paced guide for PHP developers ... Walk through the development of six complete, feature-rich, real-world plugins that are being used by thousands of WordPress users [Digg this, Live blogroll, The wall, Snazzy archives, Insights, Post types] ; ... get to know the WordPress code base, and WordPress's plugin architecture ; hook into the rest of WordPress using actions and filters ; integrate Ajax and jQuery into your plugins, to dynamically generate content ; maintain and manage your plugin using SVN and publish it to the WordPress Plugin Repository." -- Cover, p.4.

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

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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

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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.

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

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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.

More than 70 million websites and blogs run on WordPress: it's the world's #1 web development tool. Now, you can make the most of WordPress without becoming a technical expert. WordPress Absolute Beginner's Guide is the fastest way to get comfortable and productive with WordPress and its most powerful tools. Whether you're new to WordPress or not, this practical, approachable book will show you how to do exactly what you want, one incredibly clear and easy step at a time - all explained with full-color illustrations. Leading WordPress instructor Tris Hussey provides step-by-step instructions for every task requiring more than one step. Screenshots and illustrations guide you through complex processes, so you'll never get lost or confused. You'll find friendly, patient, crystal-clear coverage that always respects your intelligence, and never patronizes you. Hussey covers all this, and much more: Understanding the mechanics of a WordPress website Installing WordPress yourself, along with the themes and

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plug-ins you want Using WordPress.com if you don't want to run WordPress on your own equipment Setting up your site right the first time, to avoid problems later Tweaking themes to make your site look perfect Integrating images and media Making your site mobile-ready Using basic search engine optimization techniques to get your site discovered Troubleshooting, maintaining, and performance-tuning your site

Whether you're a budding blogger or seasoned web designer, WordPress is a brilliant tool for creating websites—once you know how to tap into its impressive features. The latest edition of this jargon-free Missing Manual shows you how to use WordPress's themes, widgets, and plug-ins to build just about any kind of site. The important stuff you need to know: Set up WordPress. Configure WordPress on your web host or get it running on your home computer. Create your site. Get hands-on instructions for building all types of websites, from blogs to business sites with ecommerce features. Jazz it up. Add picture galleries, slideshows, video clips, music players, and podcasts. Add features. Select from thousands of plug-ins to enhance your site's capabilities, from contact forms to a basic shopping cart. Build a truly unique site. Customize a WordPress theme to create a site that looks exactly the way you want. Attract an audience. Use SEO, site statistics, and social sharing to reach more people. Stay safe. Use backup

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and staging tools to protect your content and avoid catastrophe.

Pro WordPress Theme Development is your comprehensive guide to creating advanced WordPress themes. Designed for professional web designers and developers who are comfortable with PHP and WordPress, this book teaches you every aspect of professional theme development. You will learn how to build themes from scratch, how to monetize the themes you create, and how to capitalize on this by creating advanced themes for your clients or selling premium themes. This book builds on your current knowledge of PHP and web development to create a WordPress theme from scratch. It uses a real-world theme example that you can build, to demonstrate each feature in a practical way. It shows you how to take control of WordPress with custom posts types and taxonomies, and covers anatomy and hierarchy, use of the loop, hooks, short codes, plug-ins and much more. WordPress is one of the most successful open-source blogging and content management systems available, and theme development has become a major part of the WordPress ecosystem. Start working with WordPress themes like a pro today with Pro WordPress Theme Development.

For a lot of people, WordPress is the entry into web development. And a lot of them don't stop there. They want more control over their WordPress site, so

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customizing design and functionality is the next logical step. If WordPress got you hooked, and you want to get more out of it to tailor your site more to your needs and ideas, then this eBook is for you. To start out, you will learn to build custom page templates and extend WordPress' flexibility with custom post types. Later, our expert authors will provide insights into customizing tree-like data structures to make them fit your particular needs, as well as tips to replace the regular custom field interface with something more powerful and user-friendly. You'll also learn to build an advanced notification system to reach your users, and, last, but not least, we'll dive deep into building, maintaining, and deploying WordPress plugins. WordPress' flexible structure is predestined for customization. So make use of this grand potential to build your projects the way you imagine them to be.

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How To Use Autoloading And A Plugin Container In WordPress Plugins by Nico Amarilla
How To Deploy WordPress Plugins With GitHub Using

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Transients by Matthew Ray.

Create your own powerful, interactive plugins to extend and add features to your WordPress site.

Do You want to build a responsive website and have heard about WordPress but don't know where to start? Well, look no further than the WordPress & Elementor Mastery Book! This guide will walk step-by-step to get your site up and running in no time. WordPress is the most popular web software online today. It powers over 20% of all websites and is trusted by top brands like Coca Cola, Toyota, Sony Music, Ford and many more... Recently, Elementor has been a helping web page builder for Wordpress. You are going to also Learn Using Elementor Page Builder to create a Responsive User Interface. Do You also know that, with the help of Elementor, you can design a Mobile Friendly UI Design for your Mobile App. If You are a Mobile App Developer, and wish to create a stunning Mobile App with friendly UI, You can use Dr Fredrick Emmanuel book on Android App Development as a guide; Here Is A Preview Of What You'll Learn... How to get web hosting [Includes a FREE domain name] How to install WordPress on your server Logging in to your WordPress site How to navigate the admin panel How to create posts and pages How to add multimedia to your content [video, audio, images, etc] SEO Optimization Monetization Using Elementor Page

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BuilderEmbedding Web url in Android App

Effortlessly ensure your application's code quality from day 1 About This Book Customize your Moodle 3.x app. Leverage the new features of Moodle 3.x by diving deep into the Moodle development eco-system. Cater to heavy user traffic, customize learning requirements and create custom third party plugins. Who This Book Is For This book is for Moodle developers who are familiar with the basic Moodle functionality and have an understanding of the types of scenarios in which the Moodle platform can be usefully employed. You must have medium-level PHP programming knowledge. You should be familiar with HTML and XML protocols. You do not need to have prior knowledge of Moodle-specific terminology What You Will Learn Work with the different types of custom modules that can be written for Moodle 3.x Understand how to author custom modules so they conform to the agreed Moodle 3.x development guidelines Get familiar with the Moodle 3.x architecture—its internal and external APIs Customize Moodle 3.x so it can integrate seamlessly with third-party applications of any kind Build a new course format to specify the layout of a course Implement third-party graphics libraries in your plugins Build plugins that can be themed easily Provide custom APIs that will provide the means to automate Moodle 3 in real time In Detail The new and revamped Moodle is the top choice for developers to create

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cutting edge e-learning apps that cater to different user's segments and are visually appealing as well. This book explains how the Moodle 3.x platform provides a framework that allows developers to create a customized e-learning solution. It begins with an exploration of the different types of plugin.. We then continue with an investigation of creating new courses. You will create a custom plugin that pulls in resources from a third-party repository. Then you'll learn how users can be assigned to courses and granted the necessary permissions. Furthermore, you will develop a custom user home. At the end of the book, we'll discuss the Web Services API to fully automate Moodle 3.x in real time. Style and approach This book takes a step-by-step practical approach with every step explained in great detail using practical examples. You will create custom plugins from scratch with the examples shown and create new modules as well as extensions with the examples presented.

It might be easier to say what this guide isn't, rather than what it is. It isn't an in depth look at every single function available within the WordPress dashboard. Nor is it a guide to help you develop or modify WordPress themes. It's an easy to follow WordPress manual that will help you to get an overall understanding of how you use the various features within the WordPress Dashboard to keep your website or blog updated. The official WordPress Codex is great if you want to get

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really involved in developing your own WordPress theme or modifying your site with plugins, but it can be a bit daunting for those users who just want a simple guide to using the Content Management side of WordPress or just need to update their site pages every so often. The Easy WP Guide will teach you how to add content to your website and keep it updated, simply and easily. This version has been completely updated for use with WordPress 4.2.

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

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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.

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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.

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

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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

With the ever-increasing need to view websites on mobile devices, websites have to be adaptable to thousands of different screen resolutions. In *Responsive Design with WordPress*, expert web developer Joe Casabona teaches you how to leverage WordPress to get the most out of responsive design, implement best practices, automate important processes, and make your life easier overall. You'll start with a refresher on the core functionality of WordPress, then dive into developing responsive themes and plugins. Find out what to consider at the outset of the design process to save hours of work during redesigns. Learn up-to-date best practices for determining breakpoints, accessibility, and preventing website bloat for better user experience no matter the user's connection speed. Finally, you'll apply the principles you learn to specific tutorials, such as building a photo gallery, map page, and products page.

- Learn when to rely on themes and when it's best to use plugins.
- Apply your responsive CSS to a WordPress theme.
- Learn various navigation techniques, such as Jump to with
- smooth scrolling or Select box.
- Use popular responsive techniques, like picturefill.js, to make images respond to different screen resolutions and connection speeds.
- Explore frameworks, including Bootstrap and Foundation.
- Download dozens of code samples to help implement responsive design techniques, and test yourself with end-of-chapter quizzes.

The highest rated WordPress development and design book on the market is back with an all

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new third edition. Professional WordPress is the only WordPress book targeted to developers, with advanced content that exploits the full functionality of the most popular CMS in the world. Fully updated to align with WordPress 4.1, this edition has updated examples with all new screenshots, and full exploration of additional tasks made possible by the latest tools and features. You will gain insight into real projects that currently use WordPress as an application framework, as well as the basic usage and functionality of the system from a developer's perspective. The book's key features include detailed information and real-world examples that illustrate the concepts and techniques at work, plus code downloads and examples accessible through the companion website. Written by practicing WordPress developers, the content of this edition focuses on real world application of WordPress concepts that extend beyond the current WordPress version. WordPress started in 2003 with a single bit of code to enhance the typography of everyday writing, and has grown to be the largest self-hosted website platform in the world. This book helps you use WordPress efficiently, effectively, and professionally, with new ideas and expert perspectives on full system exploitation. Get up to speed on the new features in WordPress 4.1 Learn cutting edge uses of WordPress, including real-world projects Discover how to migrate existing websites to WordPress Understand current best practices and tools in WordPress development WordPress was born out of a desire for an elegant, well-architected personal publishing system built on PHP and MySQL, and has evolved to be used as a full content management system through thousands of plugins, widgets, and themes. Professional WordPress is the essential developer's guide to this multifunctional system. Extend WordPress with plugins using this advanced WordPress development book, updated for the current version This significantly updated edition of Professional WordPress Plugin

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Development addresses modern plugin development for WordPress, the highly popular content management system (CMS). If you're using WordPress to create and manage websites, WordPress plugins are the software that can extend or enhance CMS functionality. This book offers guidance on writing plugins for WordPress sites to share or sell to other users. The second edition of Professional WordPress Plugin Development covers the building of advanced plugin development scenarios. It discusses the plugin framework and coding standards as well as dashboards, settings, menus, and related application programming interfaces (APIs). Additional topics include security, performance, data validation, and SQL statements.

- Learn about the power of hooks in WordPress
- Discover how JavaScript and Ajax will work in your site
- Understand key technologies: Block Editor/Gutenberg, JS/React, PHP, and the REST API
- Create and use custom post types and taxonomies.
- Creating custom dashboard menus and plugin settings
- Work with users and user data
- Schedule tasks and utilizing Cron
- Performance and security considerations

Written by experienced plugin developers, Professional WordPress Plugin Development also helps you internationalize and localize your WordPress website. Find out about debugging systems and optimizing your site for speed. As WordPress use continues to increase, you can elevate your professional knowledge of how to extend WordPress through plugins.

Whether you're promoting your business or writing about your travel adventures, Head First WordPress will teach you not only how to make your blog look unique and attention-grabbing, but also how to dig into the more complex features of WordPress 3.0 to make your website work well, too. You'll learn how to move beyond the standard WordPress look and feel by customizing your blog with your own URL, templates, plugin functionality, and more. As you

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learn, you'll be working with real WordPress files: The book's website provides pre-fab WordPress themes to download and work with as you follow along with the text. Gain immediate experience with WordPress 3.0, the June 2010 release of the software Get your site up and running by setting up a MySQL database and creating configuration files Work with the Wordpress platform to create posts and pages, learn the difference between tags and categories, edit content, moderate comments, and manage spam Explore how to extend Wordpress with plugins and templates Convert custom designs (in HTML and CSS) into functional themes and use them in WordPress We think your time is too valuable to waste struggling with new concepts. Using the latest research in cognitive science and learning theory to craft a multi-sensory learning experience, Head First WordPress uses a visually rich format designed for the way your brain works, not a text-heavy approach that puts you to sleep.

This book will help you take your first steps in the WordPress theme development process, with 5 different projects centered around creating unique and responsive WordPress themes Key Features Learn the basics of WordPress theme development in a step by step manner Make your themes more dynamic by integrating components of Bootstrap and JQuery 5 carefully-selected projects to help you get beyond the theory and create highly marketable WordPress themes from scratch Book Description WordPress has emerged as a powerful, easy-to-use tool to design attractive, engaging websites. Themes play a big role in making WordPress as popular as it is today, and having an eye-catching, fully-functional theme could separate your website from the rest! This book will help you take your first steps in the WordPress theme development process, with 5 different projects centered around creating

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unique and responsive WordPress themes. Start with creating a simple WordPress theme using HTML5, CSS, and PHP. Then, you will move on to incorporate different APIs, widgets, and tools such as Bootstrap and jQuery to create more dynamic and highly-functional themes. Whether you want to create a photo gallery theme, a highly customizable e-commerce theme, or a theme designed to suit a particular business, this book will teach you everything you need to know. By the end of this highly interactive book, you will have the required mastery to develop WordPress themes from scratch. What you will learn

- Simple and advanced themes – covers basic syntax and files along with archives and search pages
- Photo Gallery – add simple animation and use the W3.CSS framework to design a photo gallery theme
- Wordstrap – incorporate Twitter Bootstrap into the theme and use the WP_NavWalker class
- E-commerce theme – build an e-commerce theme using the Foundation framework

Who this book is for
If you are a blogger or a WordPress user who wants to learn how to create attractive, eye-catching WordPress themes, this book is for you. A basic understanding of HTML5, CSS, PHP, and some creativity is all you need to get started with this book.

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

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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.

Learn to create plugins for WordPress 4.x to deliver custom projects or share with the

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community through detailed step-by-step recipes and code examples

About This Book* Learn how to change and extend WordPress to perform virtually any task* Explore the plugin API through approachable examples and detailed explanations* Mold WordPress to your project's needs or transform it to benefit the entire community

Who This Book Is For 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.

What You Will Learn* Discover how to register user callbacks with WordPress, forming the basis of plugin creation* Explore the creation of administration pages and adding new content management sections through custom post types and custom database tables* Improve your plugins by customizing the post and page editors, categories and user profiles, and creating visitor-facing forms* Make your pages dynamic using Javascript, AJAX and adding new widgets to the platform* Learn how to add support for plugin translation and distribute your work to the WordPress community

In Detail WordPress is a popular, powerful, and open Content Management System. Learning how to extend its capabilities allows you to unleash its full potential, whether you're an administrator trying to find the right extension, a developer with a great idea to enhance the platform for the community, or a website developer working to fulfill a client's needs. This book shows readers how to navigate WordPress' vast set of API functions to create high-quality plugins with easy-to-configure administration interfaces. With new recipes and materials updated for the latest versions of WordPress 4.x, this second edition teaches you how to create plugins of varying complexity ranging from a few lines of code to complex extensions that provide intricate new capabilities. You'll start by using the basic mechanisms provided in WordPress to create plugins

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and execute custom user code. You will then see how to design administration panels, enhance the post editor with custom fields, store custom data, and modify site behavior based on the value of custom fields. You'll safely incorporate dynamic elements on web pages using scripting languages, and build new widgets that users will be able to add to WordPress sidebars and widget areas. By the end of this book, you will be able to create WordPress plugins to perform any task you can imagine. Style and approach This cookbook will take you through the creation of your first simple plugin to adding entirely new sections and widgets in the administration interface, so you can learn how to change and extend WordPress to perform virtually any task. Each topic is illustrated through realistic examples showing how to solve common problems, followed by detailed explanations of all concepts used

Take WordPress beyond its comfort zone As the most popular open source blogging tool, WordPress is being used to power increasingly advanced sites, pushing it beyond its original purpose. In this unique book, the authors share their experiences and advice for working effectively with clients, manage a project team, develop with WordPress for larger projects, and push WordPress beyond its limits so that clients have the customized site they need in order to succeed in a competitive marketplace. Explains that there is more than one approach to a WordPress challenge and shows you how to choose the one that is best for you, your client, and your team Walks you through hosting and developing environments, theme building, and contingency planning Addresses working with

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HTML, PHP, JavaScript, and CSS WordPress: Pushing the Limits encourages you to benefit from the experiences of seasoned WordPress programmers so that your client's site can succeed.

This book will provide an easy to understand, step-by-step approach to building your own WordPress plugins from scratch. We will construct a variety of plugins from the ground up, demonstrating how to tap into a number of WordPress development aspects, as well as how to prepare and release your plugin(s) to the public. This book is for WordPress users who want to learn how to create their own plugins and for developers who are new to the WordPress platform. Basic knowledge of PHP and HTML is expected, as well as a functional knowledge of how WordPress works from a user standpoint.

WordPress is one of the most widely used content management systems (CMS) today, powering more than 30% of all sites worldwide. When it comes to content management systems, WordPress is king, since more than 60% of all sites use the CMS. Those numbers alone are reason enough for you to stop creating static websites and start using WordPress. This book is for anyone who wants to learn how to create custom themes using this powerful CMS. By learning how to develop themes, you will discover how to build more than a simple website. You will create a reusable product that can even be redistributed and marketed. If you

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like the idea, this book is for you. As you follow the project proposed by the book, you'll get a comprehensive view of the theme development process. You will explore fantastic APIs and tools such as the Theme Customizer, learn how to make it WooCommerce compatible and ready to be translated into any language. You will also learn how to submit your theme to the official WordPress theme repository, create demo versions, and bundle it for redistribution. This is the perfect book for anyone who wants to take their career as a web professional to the next level.

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

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

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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

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knowledge of PHP, JavaScript, HTML and CSS is required to get most out of this book.

Includes Complete Coverage of the OpenGL® Shading Language! Today's OpenGL software interface enables programmers to produce extraordinarily high-quality computer-generated images and interactive applications using 2D and 3D objects, color images, and programmable shaders. OpenGL® Programming Guide: The Official Guide to Learning OpenGL®, Version 4.3, Eighth Edition, has been almost completely rewritten and provides definitive, comprehensive information on OpenGL and the OpenGL Shading Language. This edition of the best-selling "Red Book" describes the features through OpenGL version 4.3. It also includes updated information and techniques formerly covered in OpenGL® Shading Language (the "Orange Book"). For the first time, this guide completely integrates shader techniques, alongside classic, functioncentric techniques. Extensive new text and code are presented, demonstrating the latest in OpenGL programming techniques. OpenGL® Programming Guide, Eighth Edition, provides clear explanations of OpenGL functionality and techniques, including processing geometric objects with vertex, tessellation, and geometry shaders using geometric transformations and viewing matrices; working with pixels and texture maps through fragment shaders; and advanced data techniques using

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framebuffer objects and compute shaders. New OpenGL features covered in this edition include Best practices and sample code for taking full advantage of shaders and the entire shading pipeline (including geometry and tessellation shaders) Integration of general computation into the rendering pipeline via compute shaders Techniques for binding multiple shader programs at once during application execution Latest GLSL features for doing advanced shading techniques Additional new techniques for optimizing graphics program performance

A Beginner's Guide packed with clear step-by-step instructions to create powerful and professional themes for your WordPress website This book targets WordPress users and visual designers who are used to working with the common industry-standard tools like PhotoShop and Dreamweaver or other popular graphic, HTML, and text editors. No server-side scripting or programming experience is required.

Learn everything you need to know to successfully create and manage your WordPress site in 2017 even if you're a complete beginner. Creating a professional looking website is no longer the preserve of web developers and computer geeks. With the advent of WordPress, anyone can now create and run a beautiful looking and responsive website that works on any device like a PC, Mac, tablet or phone. Learn with a step-by-step visual approach. This book covers

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the latest version of WordPress using a step-by-step visual approach with lots of screenshots to explain the concepts. The aim of this book is to take a complete beginner or someone with intermediate WordPress skills to being very competent with WordPress in a few short hours. Create beautiful and professional looking websites while saving money! Whether you're a business owner or building a website for a hobby or passion, the knowledge you gain from this book will save you a lot of money that would've otherwise been paid to a professional web developer. We'll start right from the beginning of the process of creating a website, from how to get your domain name and web host, to configuring conditional widgets and sidebars for your WordPress site. You get to watch over my shoulder as we cover all the features provided in WP Admin that allow you to build your fully functional professional looking website. In this book you'll learn: How to create a free website at WordPress.com if that would meet your needs. A specific tool that helps you to find available domain names for your website based on your keywords. How to register your domain name. How to get a web host for your WordPress site. How to install WordPress using an auto-installer from your web host. How to install WordPress manually by going under the bonnet. How to configure all initial settings so that your posts and links appear as you would like them to look. How to add/edit Posts, Pages, and Media files. How to install and configure free and premium themes. How to install and configure plugins and where to find them. A specific tool that enables you to identify the themes and plugins being used by other websites so you can get them for your own website. How to setup and configure your menus including managing menu locations. How to configure widgets and sidebars, including how to display different sidebars on different pages. How to manually backup and restore your WordPress site so that you know how to fix issues even if a backup

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plugin fails. **BONUS:** 22 top rated WordPress plugins that can take your website to the next level. If you want to learn more, then scroll up and click on the buy button to get started today!

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 are 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

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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. Customize and extend Moodle using its robust plug-in systems.

425 Pages of practical WordPress wisdom in full-color printed format. Includes free lifetime updates, exclusive themes, and much more.

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

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