

# **DOWNLOAD BUILDING IMPRESSIVE PRESENTATIONS WITH IMPRESS JS RATNAYAKE RAKHITHA NIMESH FREE**

## **Building Impressive Presentations with Impress.js**

This book gives you exactly what you need, exactly when you need it. Using easy-to-follow practical examples, this guide takes you from simple presentations to complete websites in no time. If you want to engage your audience on a level not previously possible on software such as PowerPoint or Prezi, then this book is for you. With basic knowledge of HTML, CSS, and JavaScript you can start making presentations that truly Impress.

## **WordPress Web Application Development - Second Edition**

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 Development Quick Start Guide**

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.

## **WordPress Web Application Development**

An extensive, practical guide that explains how to adapt WordPress features, both conventional and trending, for web applications. This book is intended for WordPress developers and designers who have the desire to go beyond conventional website development to develop quality web applications within a limited time frame and for maximum profit. Experienced web developers who are looking for a framework for rapid application development will also find this to be a useful resource. Prior knowledge with of WordPress is preferable as the main focus will be on explaining methods for adapting WordPress techniques for web application development rather than explaining basic skills with WordPress.

## **WordPress 5 Cookbook**

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.

## **Wordpress Web Application Development**

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.

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## **WordPress Web Application Development**

An extensive, practical guide that explains how to adapt WordPress features, both conventional and trending, for web applications. This book is intended for WordPress developers and designers who have the desire to go beyond conventional website development to develop quality web applications within a limited time frame and for maximum profit. Experienced web developers who are looking for a framework for rapid application development will also find this to be a useful resource. Prior knowledge with of WordPress is preferable as the main focus will be on explaining methods for adapting WordPress techniques for web application development rather than explaining basic skills with WordPress.

## **Spring 5 Design Patterns**

Learn various design patterns and best practices in Spring 5 and use them to solve common design problems. About This Book Explore best practices for designing an application Manage your code easily with Spring's Dependency Injection pattern Understand the benefits that the right design patterns can offer your toolkit Who This Book Is For This book is for developers who would like to use design patterns to address common problems while designing an app using the Spring Framework and Reactive Programming approach. A basic knowledge of the Spring Framework and Java is assumed. What You Will Learn Develop applications using dependency injection patterns Learn best practices to design enterprise applications Explore Aspect-Oriented Programming relating to transactions, security, and caching. Build web applications using traditional Spring MVC patterns Learn to configure Spring using XML, annotations, and Java. Implement caching to improve application performance. Understand concurrency and handle multiple connections inside a web server. Utilizing Reactive Programming Pattern to build Reactive web applications. In Detail Design patterns help speed up the development process by offering well tested and proven solutions to common problems. These patterns coupled with the Spring framework offer tremendous improvements in the development process. The book begins with an overview of Spring Framework 5.0 and design patterns. You will understand the Dependency Injection pattern, which is the main principle behind the decoupling process that Spring performs, thus making it easier to manage your code. You will learn how GoF patterns can be used in

Application Design. You will then learn to use Proxy patterns in Aspect Oriented Programming and remoting. Moving on, you will understand the JDBC template patterns and their use in abstracting database access. Then, you will be introduced to MVC patterns to build Reactive web applications. Finally, you will move on to more advanced topics such as Reactive streams and Concurrency. At the end of this book, you will be well equipped to develop efficient enterprise applications using Spring 5 with common design patterns Style and approach The book takes a pragmatic approach, showing various design patterns and best-practice considerations, including the Reactive programming approach with the Spring 5 Framework and ways to solve common development and design problems for enterprise applications.

## **Graphic Design Portfolio-builder**

Self-paced, self-guided instruction is all well and good, but at the end of the day, most people could use a little feedback--especially when they're ready to build a design portfolio and hit the job market. Not to worry, this book provides actual instructor feedback along with the self-paced, individualized instruction in Photoshop and Illustrator that designers need. Written by the faculty of New York-based, accredited online design school Sessions.edu, the book uses the school's trademark project-based curriculum to teach essential design concepts with Photoshop and Illustrator. After a brief intro to the world of graphic design, Sessions instructors provide quick "refresher course" chapters on the two programs. Then, armed with Photoshop and Illustrator basics, readers tackle a series of projects that stretch their imagination and creative muscles involving logo design, magazine layouts, illustrations, poster design, digital imaging, book cover design, packaging design, and more. Best of all, readers are encouraged to post their work for expert feedback from Session.edu faculty on "Studio Sessions," the custom Web site created for this book.

## **Adobe PageMaker 6.5**

"Classroom in a Book: Adobe PageMaker 6.5" is a cross-platform, self-paced training guide to all the power and features of the top-rated DTP software. In a matter of hours, users can fully comprehend the complexities of the software by "doing" rather than reading. The CD contains the art files, text files, fonts, and training materials needed to complete the tutorial lessons.

## **Peeling Design Patterns**

"Peeling Design Patterns: For Beginners and Interviews" by Narasimha Karumanchi and Prof. Sreenivasa Rao Meda is a book that presents design patterns in simple and straightforward manner with a clear-cut explanation. This book will provide an introduction to the basics and covers many real-time design interview questions. It comes handy as an interview and exam guide for computer scientists. Salient Features of Book: Readers without any background in software design will be able to understand it easily and completely. Presents the concepts of design patterns in simple and straightforward manner with a clear-cut explanation. After reading the book, readers will be in a position to come up with better designs than before and participate in design discussions which happen in their daily office work. The book provides enough real-time examples so that readers get better understanding of the design patterns and also useful for the interviews. We mean, the book covers design interview questions. Table of Contents: Introduction UML Basics Design Patterns Introduction Creational Patterns Structural Patterns Behavioral Patterns Glossary and Tips Design Interview Questions Miscellaneous Concepts

## **Building Web Apps with WordPress**

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

## **Agile Project Management with Scrum**

The rules and practices for Scrum—a simple process for managing complex projects—are few, straightforward, and easy to learn. But Scrum’s simplicity itself—its lack of prescription—can be disarming, and new practitioners often find themselves reverting to old project management habits and tools and yielding lesser results. In this illuminating series of case studies, Scrum co-creator and evangelist Ken Schwaber identifies the real-world lessons—the successes and failures—culled from his years of experience coaching companies in agile project management. Through them, you’ll understand how to use Scrum to solve complex problems and drive better results—delivering more valuable software faster. Gain the foundation in Scrum theory—and practice—you need to: Rein in even the most complex, unwieldy projects Effectively manage unknown or changing product requirements Simplify the chain of command with self-managing development teams Receive clearer specifications—and feedback—from customers Greatly reduce project planning time and required tools Build—and release—products in 30-day cycles so clients get deliverables earlier Avoid missteps by regularly inspecting, reporting on, and fine-tuning projects Support multiple teams working on a large-scale project from many geographic locations Maximize return on investment!

## **Web Redesign 2.0**

This title follows a road tested experimental methodology to expose the critical steps to planning, budgeting, organising, and managing a Web design or redesign project from conceptualisation through to launch.

## **WordPress 5 Complete**

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

websiteUpload multimedia content, such as images, audio, and video easily and effectivelyDevelop your own WordPress plugins and themesUse WordPress to build websites that serve purposes other than blogsWho 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: The Missing Manual**

A guide to WordPress provides bloggers with everything they need to know to build, design, manage, and customize their blogs, including step-by-step coverage of everything from installation and security to publishing and customization, as well as themes, widgets, and plug-ins.

## **21st Century Interiors**

More than 50 examples of the world's best contemporary commercial interior design.

## **Mobile and Social Media Journalism**

A Practical Guide for Multimedia Journalism Mobile and Social Media Journalism is the go-to guide for understanding how today's journalists and news organizations use mobile and social media to gather news, distribute content, and create audience engagement. Checklists and practical activities in every chapter enable readers to immediately build the mobile and social media skills that today's journalists need and news organizations expect. In addition to providing the fundamentals of mobile and social media journalism, award-winning communications professional and author Anthony Adornato discusses how mobile devices and social media have changed the way our audiences consume news and what that means for journalists. The book addresses a changing media landscape by emphasizing the application of the core values of journalism—such as authentication, verification, and credibility—to emerging media tools and strategies.

## **Professional WordPress Plugin Development**

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.

## **WordPress Plugin Development Cookbook**

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

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 Beginners 2021

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.

## **Mastering WooCommerce 4**

Understand all aspects of building a successful online store which is search-engine-optimized, using theme management and one-page checkout features  
Key Features  
Extend your WordPress knowledge to build fully functional e-commerce websites using WooCommerce and its plugins  
Implement payment gateway, shipping, and inventory management solutions  
Improve the speed and performance of your websites by optimizing images and caching static information  
Book Description  
WooCommerce is one of the most flexible platforms for building online stores. With its flexibility, you can offer virtually any feature to a client using the WordPress system. WooCommerce is also self-hosted, so the ownership of data lies with you and your client. This book starts with the essentials of building a WooCommerce store. You'll learn how to set up WooCommerce and implement payment, shipping, and tax options, as well as configure your product. The book also demonstrates ways to customize and manage your products by using SEO for enhanced visibility. As you advance, you'll understand how to manage sales by using POS systems, outsource fulfillment, and external reporting services. Once you've set up and organized your online store, you'll focus on improving the user experience of your e-commerce website. In addition to this, the book takes you through caching techniques to not only improve the speed and performance of your website but also its look and UI by adding themes. Finally, you'll build the landing page for your website to promote your product, and design WooCommerce plugins to customize the functionalities of your e-commerce website. By the end of this WooCommerce book, you'll have learned how to run a complete WooCommerce store, and be able to customize each section of the store on the frontend as well as backend. What you will learn  
Grasp the fundamentals of e-commerce website design and management with WordPress  
Use Gutenberg product blocks to display products across various categories on your website  
Get to grips with WordPress plugin development to customize your website's functionality  
Discover various ways to effectively handle product payment, taxes, and shipping  
Use analytics and product data syncing in WordPress to keep an eye on the user experience and monitor the performance of your online store  
Promote your new product online using SEO management and landing pages  
Who this book is for  
This WooCommerce development book is for web developers, WordPress developers, e-commerce consultants, or anyone familiar with using WordPress and interested in building an e-commerce platform from scratch. Working knowledge of WordPress development and general web development concepts is required.

## **Libraries for Users**

This book reviews the quality and evolution of academic library services. It revises service trends offered by academic libraries and the challenge of enhancing traditional ones such as: catalogues, repositories and digital collections, learning resources centres, virtual reference services, information literacy and 2.0 tools. Studies the role of the university library in the new educational environment of higher education  
Rethinks libraries in academic context  
Redefines roles for academic libraries

## **Programming PHP**

This is a comprehensive guide to PHP, a simple yet powerful language for creating dynamic web content. It is a detailed reference to the language and its applications, including such topics as form processing, sessions, databases, XML, and graphics and Covers PHP 4, the latest version.

## Full-Stack React, TypeScript, and Node

Discover the current landscape of full-stack development and how to leverage modern web technologies for building production-ready React.js applications to deploy on AWS Key Features Understand the architecture of React and single-page applications Build a modern Web API for your SPA using Node.js, Express, and GraphQL Gain a clear and practical understanding of how to build a complete full-stack application Book Description React sets the standard for building high-performance client-side web apps. Node.js is a scalable application server that is used in thousands of websites, while GraphQL is becoming the standard way for large websites to provide data and services to their users. Together, these technologies, when reinforced with the capabilities of TypeScript, provide a cutting-edge stack for complete web application development. This book takes a hands-on approach to implementing modern web technologies and the associated methodologies for building full-stack apps. You'll begin by gaining a strong understanding of TypeScript and how to use it to build high-quality web apps. The chapters that follow delve into client-side development with React using the new Hooks API and Redux. Next, you'll get to grips with server-side development with Express, including authentication with Redis-based sessions and accessing databases with TypeORM. The book will then show you how to use Apollo GraphQL to build web services for your full-stack app. Later, you'll learn how to build GraphQL schemas and integrate them with React using Hooks. Finally, you'll focus on how to deploy your application onto an NGINX server using the AWS cloud. By the end of this book, you'll be able to build and deploy complete high-performance web applications using React, Node, and GraphQL. What you will learn Discover TypeScript's most important features and how they can be used to improve code quality and maintainability Understand what React Hooks are and how to build React apps using them Implement state management for your React app using Redux Set up an Express project with TypeScript and GraphQL from scratch Build a fully functional online forum app using React and GraphQL Add authentication to your web app using Redis Save and retrieve data from a Postgres database using TypeORM Configure NGINX on the AWS cloud to deploy and serve your apps Who this book is for The book is for web developers who want to go beyond front-end web development and enter the world of full-stack web development by learning about modern web technologies and how they come together. A good understanding of JavaScript programming is required before getting started with this web development book.

## Beginning Spring Boot 2

Learn Spring Boot and how to build Java-based enterprise, web, and microservice applications with it. In this book, you'll see how to work with relational and NoSQL databases, build your first microservice, enterprise, or web application, and enhance that application with REST APIs. You'll also learn how to build reactive web applications using Spring Boot along with Spring Web Reactive. Then you'll secure your Spring Boot-created application or service before testing and deploying it. After reading and learning with Beginning Spring Boot 2, you'll have the skills and techniques to start building your first Spring Boot applications and microservices with confidence to take the next steps in your career journey. What You'll Learn Use Spring Boot autoconfiguration Work with relational and NoSQL databases Build web applications with Spring Boot Apply REST APIs using Spring Boot Create reactive web applications using Spring Web Reactive Secure your Spring Boot applications or web services Test and deploy your Spring Boot applications Who This Book Is For Experienced Java and Spring Framework developers who are new to the new Spring Boot micro-framework.

## Spring Boot Persistence Best Practices

This book is a collection of developer code recipes and best practices for persisting data using Spring, particularly Spring Boot. The book is structured around practical recipes, where each recipe discusses a performance case or performance-related case, and almost every recipe has one or more applications. Mainly, when we try to accomplish something (e.g., read some data from the database), there are several approaches to do it, and, in order to choose the best way, you have to know the implied trades-off from a performance perspective. You'll see that in the end, all these penalties slow down the application. Besides presenting the arguments that favor a certain choice, the application is written in Spring Boot style which is quite different

than plain Hibernate. Persistence is an important set of techniques and technologies for accessing and using data, and this book demonstrates that data is mobile regardless of specific applications and contexts. In Java development, persistence is a key factor in enterprise, ecommerce, cloud and other transaction-oriented applications. After reading and using this book, you'll have the fundamentals to apply these persistence solutions into your own mission-critical enterprise Java applications that you build using Spring. What You Will Learn Shape \*-to-many associations for best performances Effectively exploit Spring Projections (DTO) Learn best practices for batching inserts, updates and deletes Effectively fetch parent and association in a single SELECT Learn how to inspect Persistent Context content Dissect pagination techniques (offset and keyset) Handle queries, locking, schemas, Hibernate types, and more Who This Book Is For Any Spring and Spring Boot developer that wants to squeeze the persistence layer performances.

## **.NET and COM**

This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. The focus of the book is on COM Interoperability (since it's a much larger subject), and the heart of the discussion is broken down into four parts: Using COM Components Within the .NET Framework Using .NET Framework Components from COM Designing Good .NET Framework Components for COM Clients Designing Good COM Components for .NET Framework Clients The scope of the book is just about everything related to using \"unmanaged code\" in the .NET Framework. Technologies built on top of COM Interoperability are also covered-Interoperability of Windows Forms Controls and ActiveX controls, Interoperability with COM+, and Interoperability with Distributed COM (DCOM). Although Platform Invocation Services is a separate technology from COM Interoperability, there are many areas of overlap, so including in the book is a natural fit. All of these technologies are a core part of the Common Language Runtime and .NET Framework, and will likely be used not only as the path of migration for existing software projects, but for brand new software development for the next several years.

## **The .NET and COM Interoperability Handbook**

COM/COM+. and .NET will need to interoperate for a long time to come as companies undergo the migration to .NET. Gordon's book is a natural fit for anyone with COM applications that need to work with .NET, as it provides practical migration advice for developers moving their applications from COM/COM+ to .NET.

## **Net Common Language Runtime Unleashed**

The .NET Framework provides a runtime environment called the Common Language Runtime, which manages the execution of code and provides services that make the development of robust software easier. The Common Language Runtime (CLR) provides a solid foundation for developers to build various types of applications. Whether a developer is writing an ASP.NET application, a Windows Forms application, a Web Service, a mobile code application, a distributed application, or an application that combines several of these application models, the CLR provides huge benefits such as simplified development and the ability to integrate code written in various languages. This book is a high-end comprehensive reference to the capability of the CLR. The samples in the book have been written so that they not only illustrate a principle but give the reader a springboard to quickly translate the sample to practical, real-world applications. After reading this book, readers will be able to significantly increase their productivity by comfortably using the power and expressiveness of the Common Language Runtime in their applications. This book will take the reader beyond the syntax of C# to using and understanding the CLR to build secure, maintainable, and high performance applications.

## **60GHz Technology for Gbps WLAN and WPAN**

This book addresses 60 GHz technology for Gbps WLAN and WPAN from theory to practice, covering key

aspects for successful deployment. In this book, the authors focus specifically on 60 GHz wireless technology which has emerged as the most promising candidate for multi-gigabit wireless indoor communication systems. 60 GHz technology offers various advantages over current or existing communications systems (e.g. huge unlicensed bandwidth worldwide, high transmit power, high frequency reuse and small form factor), which enables many disruptive applications that are otherwise difficult if not impossible to be realized at lower frequencies. The book addresses all aspects of the state-of-the-art in 60 GHz technology for high data rate wireless applications. Key Features: Comprehensive coverage from theory to practice: provides readers with a thorough technical guide of 60 GHz technology development Brings together the entire area of 60GHz technology for Gigabits per second (Gbps) WLAN and WPAN applications. Discusses practical system designs covering wide aspects such as antenna propagation, beamforming, circuit design, digital communication, signal processing, system architectures, etc. Provides up-to-date standardization activities, regulatory issues, technology development as well as future trends Includes examples and case studies for practical scenarios Contains theoretical, simulation and experimental results to demonstrate and compare the performance of various schemes (or systems) This book serves as an excellent reference for system engineers, system architects, IC designers, standard engineers, researchers, and vendor and manufacturer consumers. Technical consultants, software and application developers will also find this book of interest.

## **.NET Framework Essentials**

This concise guide for experienced programmers and software architects is a complete no-nonsense overview of key elements and programming languages central to all .NET application development

## **NET for Java Developers Migrating to C#**

This text allows Java programmers to quickly begin using C# and the .NET Framework, through a meticulous comparison of Java and C#.

## **3D Engine Design for Virtual Globes**

Supported with code examples and the authors' real-world experience, this book offers the first guide to engine design and rendering algorithms for virtual globe applications like Google Earth and NASA World Wind. The content is also useful for general graphics and games, especially planet and massive-world engines. With pragmatic advice throughout, it is essential reading for practitioners, researchers, and hobbyists in these areas, and can be used as a text for a special topics course in computer graphics. Topics covered include: Rendering globes, planet-sized terrain, and vector data Multithread resource management Out-of-core algorithms Shader-based renderer design

## **Reactive Design Patterns**

Summary Reactive Design Patterns is a clearly written guide for building message-driven distributed systems that are resilient, responsive, and elastic. In this book you'll find patterns for messaging, flow control, resource management, and concurrency, along with practical issues like test-friendly designs. All patterns include concrete examples using Scala and Akka. Foreword by Jonas Bonér. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Modern web applications serve potentially vast numbers of users - and they need to keep working as servers fail and new ones come online, users overwhelm limited resources, and information is distributed globally. A Reactive application adjusts to partial failures and varying loads, remaining responsive in an ever-changing distributed environment. The secret is message-driven architecture - and design patterns to organize it. About the Book Reactive Design Patterns presents the principles, patterns, and best practices of Reactive application design. You'll learn how to keep one slow component from bogging down others with the Circuit Breaker pattern, how to shepherd a many-staged transaction to completion with the Saga pattern, how to divide

datasets by Sharding, and more. You'll even see how to keep your source code readable and the system testable despite many potential interactions and points of failure. What's Inside The definitive guide to the Reactive Manifesto Patterns for flow control, delimited consistency, fault tolerance, and much more Hard-won lessons about what doesn't work Architectures that scale under tremendous load About the Reader Most examples use Scala, Java, and Akka. Readers should be familiar with distributed systems. About the Author Dr. Roland Kuhn led the Akka team at Lightbend and coauthored the Reactive Manifesto. Brian Hanafee and Jamie Allen are experienced distributed systems architects. Table of Contents PART 1 - INTRODUCTION Why Reactive? A walk-through of the Reactive Manifesto Tools of the trade PART 2 - THE PHILOSOPHY IN A NUTSHELL Message passing Location transparency Divide and conquer Principled failure handling Delimited consistency Nondeterminism by need Message flow PART 3 - PATTERNS Testing reactive applications Fault tolerance and recovery patterns Replication patterns Resource-management patterns Message flow patterns Flow control patterns State management and persistence patterns

## **3D Technology in Fine Art and Craft**

The possibilities for creation are endless with 3D printing, sculpting, scanning, and milling, and new opportunities are popping up faster than artists can keep up with them. 3D Technology in Fine Art and Craft takes the mystery out of these exciting new processes by demonstrating how to navigate their digital components and showing their real world applications. Artists will learn to incorporate these new technologies into their studio work and see their creations come to life in a physical form never before possible. Featuring a primer on 3D basics for beginners, interviews, tutorials, and artwork from over 80 artists, intellectual property rights information, and a comprehensive companion website, this book is your field guide to exploring the exhilarating new world of 3D. Follow step-by-step photos and tutorials outlining the techniques, methodologies, and finished products of master artists who have employed 3D technology in new and inventive ways Learn how to enlarge, reduce, and repurpose existing artwork and create virtual pieces in physical forms through a variety of mediums Research your options with an accessible list of pros and cons of the various software, 3D printers, scanners, milling machines, and vendors that provide services in 3D technology Listen to podcasts with the artists and learn more tips and tricks through the book's website at [www.digitalsculpting.net](http://www.digitalsculpting.net)

## **.NET Domain-Driven Design with C#**

As the first technical book of its kind, this unique resource walks you through the process of building a real-world application using Domain-Driven Design implemented in C#. Based on a real application for an existing company, each chapter is broken down into specific modules so that you can identify the problem, decide what solution will provide the best results, and then execute that design to solve the problem. With each chapter, you'll build a complete project from beginning to end.

## **NET Programming**

Tapadiya takes a straightforward, hands-on approach to explain everything readers need to know from development to deployment and maintenance for this platform--all from a developer's perspective. Using C# as the primary language, and with plenty of code examples throughout, this book is an excellent way to learn.

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