
Web Programming Projects

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Python Projects Springer Science & Business Media

Discover the latest features of Spring framework by building robust, fast, and reactive web applications Key FeaturesTake advantage of all the features of Spring 5.0 with third party tools to build a robust back endSecure Spring based web application using Spring Security framework with LDAP and OAuth protocolDevelop robust and scalable microservice based applications on Spring Cloud, using Spring BootBook Description Spring makes it easy to create RESTful applications, merge with social services, communicate with modern databases, secure your system, and make your code modular and easy to test. With the arrival of Spring Boot, developers can really focus on the code and deliver great value, with minimal contour. This book will show you how to build various projects in Spring 5.0, using its features and third party tools. We'll start by creating a web application using Spring MVC, Spring Data, the World Bank API for some statistics on different countries, and MySQL database. Moving ahead, you'll build a RESTful web services application using

Spring WebFlux framework. You'll be then taken through creating a Spring Boot-based simple blog management system, which uses Elasticsearch as the data store. Then, you'll use Spring Security with the LDAP libraries for authenticating users and create a central authentication and authorization server using OAuth 2 protocol. Further, you'll understand how to create Spring Boot-based monolithic application using JHipster. Toward the end, we'll create an online book store with microservice architecture using Spring Cloud and Netflix OSS components, and a task management system using Spring and Kotlin. By the end of the book, you'll be able to create coherent and flexible real-time web applications using Spring Framework. What you will learnBuild Spring based application using Bootstrap template and JQueryUnderstand the Spring WebFlux framework and how it uses Reactor libraryInteract with Elasticsearch for indexing, querying, and aggregating dataCreate a simple monolithic application using JHipsterUse Spring Security and Spring Security LDAP and OAuth libraries for AuthenticationDevelop a microservice-based application with Spring Cloud and NetflixWork on Spring Framework with KotlinWho this book is for This book is for competent Spring developers who wish

to understand how to develop complex yet flexible applications with Spring. You must have a good knowledge of Java programming and be familiar with the basics of Spring.

PHP and MySQL Web Development Packt Publishing Ltd

Unleash the power of MERN stack by building diverse web applications using React, Node.js, Express, and MongoDB

Key Features Create dynamic web applications with the MERN stack Leverage the power of React in building interactive and complex user interfaces Unlock the potential of Node, Express, and MongoDB to build modern full-stack applications

Book Description The benefits of using a full JavaScript stack for web development are undeniable, especially when robust and widely adopted technologies such as React, Node, and Express and are available. Combining the power of React with industry-tested, server-side technologies, such as Node, Express, and MongoDB, creates a diverse array of possibilities when developing real-world web applications. This book guides you through preparing the development environment for MERN stack-based web development, to creating a basic skeleton application and extending it to build four different web applications. These applications include a social media, an online marketplace, a media streaming, and a web-based game application with virtual reality features. While learning to set up the stack and developing a diverse range of applications with this book, you will grasp the inner workings of the MERN stack, extend its capabilities for complex features, and gain actionable knowledge of how to prepare MERN-based applications to meet the growing demands of real-world web applications.

What you will learn Set up your development environment and develop a MERN application Implement user authentication and authorization using JSON Web Tokens Build a social media application by extending the basic MERN application Create an online marketplace application with shopping cart and Stripe payments Develop a media streaming application using MongoDB GridFS Implement server-side rendering with data to improve SEO Set up and use React 360 to develop user interfaces with VR capabilities Learn industry best practices to make MERN stack applications reliable and scalable Who this book is for Full-Stack React Web Development Projects is for JavaScript developers who have some experience with React, but no previous experience with full-stack development involving Node, Express, and MongoDB, and who want practical guidelines to start building different types of real-world web applications with this stack.

Mastering Web Development with Microsoft Visual Studio 2005 CRC Press

PHP and MySQL Web Development, Fourth Edition The definitive guide to building database-drive Web applications with PHP and MySQL and MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. *PHP and MySQL Web Development* shows how to use these tools together to produce effective, interactive Web applications. It clearly describes the basics of the PHP language, explains how to set up and

work with a MySQL database, and then shows how to use PHP to interact with the database and the server. The fourth edition of *PHP and MySQL Web Development* has been thoroughly updated, revised, and expanded to cover developments in PHP 5 through version 5.3, such as namespaces and closures, as well as features introduced in MySQL 5.1. This is the eBook version of the title. To gain access to the contents on the CD bundled with the printed book, please register your product at informit.com/register

Java Projects Packt Publishing Ltd
A definitive guide to PyCharm to help you build business-oriented Python applications ranging from modern web development to data science
Key Features
Learn basic to advanced PyCharm concepts to improve efficiency of your Python projects
Work through practical examples that focus on efficient application development with PyCharm
Explore advanced features in PyCharm such as code automation, version control, and GUI debugging
Book Description
JetBrain's PyCharm is the most popular Integrated Development Environment (IDE) used by the Python community thanks to its numerous features that facilitate faster, more accurate, and more productive programming practices. However, the abundance of options and customizations can make PyCharm seem quite intimidating. *Hands-on Application Development with PyCharm* starts with PyCharm's installation and configuration process, and systematically takes you through a number of its powerful features that can greatly improve your productivity. You'll explore code automation, version control, graphical debugging/testing, management of virtual environments, and much more.

Finally, you'll delve into specific PyCharm features that support web development and data science, two of the fastest growing applications in Python programming. These include the integration of the Django framework as well as the extensive support for IPython and Jupyter Notebook. By the end of this PyCharm book, you will have gained extensive knowledge of the tool and be able to implement its features and make the most of its support for your projects. What you will learn
Explore PyCharm functionalities and what makes it stand out from other Python IDEs
Set up, configure, and customize your Python projects in PyCharm
Understand how PyCharm integrates with Django for web development
Discover PyCharm's capabilities in database management and data visualization
Perform code automation, GUI testing, and version control in PyCharm
Integrate interactive Python tools such as Jupyter Notebooks for building virtual environments
Who this book is for
If you're a beginner or an expert Python user looking to improve your productivity using one of the best Python IDEs, this book is for you. Basic knowledge of Python programming language is expected.

Web Project Management for Academic Libraries Packt Publishing Ltd

This book is the first of three volumes which provide guidance to students undertaking web-based computing projects. Developing a web-based project rather than a stand-alone application involves a particular set of challenges, but also provides new opportunities to meet the requirements of the user. Web applications often require a mixture of technologies which can work together on a single web page. In the example projects in this book, HTML, CSS, SQL, PHP, JavaScript and

p5.js program code are mixed in convenient ways to achieve the required outcome. In Volume 1, a variety of business and information applications are developed. An object-oriented approach is used in the projects, with object classes forming a link between database tables and web pages. Methodologies are developed for transferring data between different web pages, and between PHP and JavaScript functions.

Rational Application Developer for WebSphere Software V8 Programming Guide Addison-Wesley Professional
 Be Right at Home in the World's Most Powerful Web Development Environment
 For large-scale web application development, Visual Studio 2005 is the most capable product around. This book shows team members and leaders how to use its power in several key dimensions. You'll master dozens of built-in features for creating a large, high-performance website based on ASP.NET 2.0. You'll work seamlessly with dynamic data, both reading from and writing to databases. And throughout, you'll learn how Visual Studio 2005 supports a more efficient group process in terms of design, development, and deployment. And everything is brought together with the enterprise-scale example, "ABC Incorporated," that runs throughout the book. This is a book no web developer, and no web-dependent organization, should be without. Coverage Includes Reaping the benefits of master pages and themes Generating site maps and other navigational aids automatically Building a shopping cart application for your website Adding search functionality to your website Creating a flexible user environment using Webpart technology Increasing application performance using client-side

and server-side scripting technologies Giving users the ability to change the website's theme to meet specific needs Using components and controls to add special effects and user customization Improving team efficiency using modern development and design techniques Monitoring and responding to usage statistics Combining technologies to get the best possible results from large applications Making your site accessible to everyone Master Standards-Based Web Development Techniques New to Visual Studio 2005 Discover How Visual Studio 2005 Solves Team Development Issues, Such as Source Code Control and Application Design Simplify Database Application Development without Compromising Security or Reliability Web Programming with HTML5, CSS, and JavaScript Abiproduct Pty Ltd

A step-by-step guide that demonstrates how to build simple-to-advanced applications through examples in Julia Lang 1.x using modern tools Key Features Work with powerful open-source libraries for data wrangling, analysis, and visualization Develop full-featured, full-stack web applications Learn to perform supervised and unsupervised machine learning and time series analysis with Julia Book Description Julia is a new programming language that offers a unique combination of performance and productivity. Its powerful features, friendly syntax, and speed are attracting a growing number of adopters from Python, R, and Matlab, effectively raising the bar for modern general and scientific computing. After six years in the making, Julia has reached version 1.0. Now is the perfect time to learn it, due to its large-scale adoption across a wide range of domains, including fintech, biotech, education, and AI. Beginning with an introduction to the language, Julia

Programming Projects goes on to illustrate how to analyze the Iris dataset using DataFrames. You will explore functions and the type system, methods, and multiple dispatch while building a web scraper and a web app. Next, you'll delve into machine learning, where you'll build a books recommender system. You will also see how to apply unsupervised machine learning to perform clustering on the San Francisco business database. After metaprogramming, the final chapters will discuss dates and time, time series analysis, visualization, and forecasting. We'll close with package development, documenting, testing and benchmarking. By the end of the book, you will have gained the practical knowledge to build real-world applications in Julia. What you will learn

- Leverage Julia's strengths, its top packages, and main IDE options
- Analyze and manipulate datasets using Julia and DataFrames
- Write complex code while building real-life Julia applications
- Develop and run a web app using Julia and the HTTP package
- Build a recommender system using supervised machine learning
- Perform exploratory data analysis
- Apply unsupervised machine learning algorithms
- Perform time series data analysis, visualization, and forecasting

Who this book is for Data scientists, statisticians, business analysts, and developers who are interested in learning how to use Julia to crunch numbers, analyze data and build apps will find this book useful. A basic knowledge of programming is assumed.

Mastering Visual Studio .NET Jones & Bartlett Learning

This book constitutes the refereed proceedings of the Third International Symposium on End-User Development, IS-EUD 2011, held in Torre Canne, Italy, in June 2011. The 14 long papers and 21

short papers presented were carefully reviewed and selected for inclusion in the book. In addition the volume contains 2 keynote speeches, 14 doctoral consortia, and information on 3 workshops. The contributions are organized in topical sections on mashups, frameworks, users as co-designers, infrastructures, methodologies and guidelines, beyond the desktop, end-user development in the workplace, meta-design, and supporting end-user developers.

[Julia Programming Projects](#) Packt Publishing Ltd

Get a practical overview of web development in Julia and learn how to build MVC applications with a REST API, and an interactive data dashboard using the Genie web framework

Key Features

- A tutorial on web development from Julia expert, Ivo Balbaert and the creator of the Genie framework, Adrian Salceanu
- A step-by-step approach to building a complete web app with the Genie framework
- Develop secure and fast web apps using server-side development on Julia

Book Description Julia's high-performance and scalability characteristics and its extensive number of packages for visualizing data make it an excellent fit for developing web apps, web services, and web dashboards. The two parts of this book provide complete coverage to build your skills in web development. First, you'll refresh your knowledge of the main concepts in Julia that will further be used in web development. Then, you'll use Julia's standard web packages and examine how the building blocks of the web such as TCP-IP, web sockets, HTTP protocol, and so on are implemented in Julia's standard library. Each topic is discussed and developed into code that you can apply in new projects, from static

websites to dashboards. You'll also understand how to choose the right Julia framework for a project. The second part of the book talks about the Genie framework. You'll learn how to build a traditional to do app following the MVC design pattern. Next, you'll add a REST API to this project, including testing and documentation. Later, you'll explore the various ways of deploying an app in production, including authentication functionality. Finally, you'll work on an interactive data dashboard, making various chart types and filters. By the end of this book, you'll be able to build interactive web solutions on a large scale with a Julia-based web framework. What you will learn Understand how to make a web server with HTTP.jl and work with JSON data over the web Discover how to build a static website with the Franklin framework Explore Julia web development frameworks and work with them Uncover the Julia infrastructure for development, testing, package management, and deployment Develop an MVC web app with the Genie framework Understand how to add a REST API to a web app Create an interactive data dashboard with charts and filters Test, document, and deploy maintainable web applications using Julia Who this book is for This book is for beginner to intermediate-level Julia programmers who want to enhance their skills in designing and developing large-scale web applications. The book helps you adopt Genie without any prior experience with the framework. Julia programming experience and a beginner-level understanding of web development concepts are required.

Vue.js 2 Web Development Projects

Apress

Managing the process of building and maintaining an effective library website

can be as challenging as designing the product itself. Web Project Management for Academic Libraries outlines the best practices for managing successful projects related to the academic library website. The book is a collection of practical, real-world solutions to help web project managers plan, engage stakeholders, and lead organizations through change. Topics covered include the definition and responsibilities of a web project manager; necessary roles for the project team; effective communication practices; designing project workflow; executing the project; and usability testing and quality control. The techniques recommended are drawn from the experiences of the authors and from library and project management literature. The book is an essential text for library staff working as project managers or on web teams, library administrators, library school faculty and students, and web consultants working with libraries. Field-tested web project management guidance grounded in the literature of librarianship, project management and web development Consideration of the special needs of academic libraries Practical, step-by-step guidance for novices and experts in libraries of all sizes

Hands-On Application Development with PyCharm Elsevier

Equip current and future user-support professionals with the critical people skills and exceptional technical knowledge necessary to provide outstanding support with Beisse's A GUIDE TO COMPUTER USER SUPPORT FOR HELP DESK AND SUPPORT SPECIALISTS, 5E. This useful guide focuses on the informational resources and technical tools students need most to function effectively in a support position. Readers develop the skills to

handle troubleshooting and problem solving, successfully communicate with clients, determine a client's specific needs, and train end-users, as well as handle budgeting and other management priorities. Clear, balanced coverage in this edition highlights the latest trends and developments, from Web and e-mail-based support to assistance with Windows 7 and cloud computing. Engaging special features, such as Tips and On the Web Pointers, provide important insights, while new Discussion Questions and Case Projects encourage active participation in the learning process. Leading professional software HelpSTAR and Microsoft Office Project Professional 2010 accompany Beisse's *A GUIDE TO COMPUTER USER SUPPORT FOR HELP DESK AND SUPPORT SPECIALISTS, 5E* to reinforce the knowledge and skills your students need for success in today's user-support positions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Sams Teach Yourself C# Web Programming in 21 Days John Wiley & Sons

Gear up for a roller-coaster ride into the world of JavaScript and programming with this easy-to-follow, fun, and entertaining project-based guide About This Book Get to know the concepts of HTML and CSS to work with JavaScript Explore the concepts of object-oriented programming Follow this step-by-step guide on the fundamentals of JavaScript programming Who This Book Is For If you've never written code before or you are completely new to the world of web programming, then this book is the right choice for you. This book is for kids of age 10 years and above and parents who are completely new to the world of

programming and want to get introduced to programming. What You Will Learn Learn how to work with Google Developer tools to iterate, debug and profile your code Develop a Battleship game using the basic concepts of HTML and CSS Get to know the fundamentals of JavaScript programming Create our own version of Pac Man game. Discover the vital concepts of object-oriented programming In Detail JavaScript is the most widely-used programming language for web development and that's not all! It has evolved over the years and is now being implemented in an array of environments from websites to robotics. Learning JavaScript will help you see the broader picture of web development. This book will take your imagination to new heights by teaching you how to work with JavaScript from scratch. It will introduce you to HTML and CSS to enhance the appearance of your applications. You'll then use your skills to build on a cool Battleship game! From there, the book will introduce you to jQuery and show you how you can manipulate the DOM. You'll get to play with some cool stuff using Canvas and will learn how to make use of Canvas to build a game on the lines of Pacman, only a whole lot cooler! Finally, it will show you a few tricks with OOP to make your code clean and will end with a few road maps on areas you can explore further. Style and approach This is an easy-to-follow, informative, and fun guide that takes a project-based approach to teaching programming in JavaScript. You will learn everything you need to get started with serious web application development.

Web-based Programming Projects.

Course Technology Ptr

A guide to completing Python projects

for those ready to take their skills to the next level Python Projects is the ultimate resource for the Python programmer with basic skills who is ready to move beyond tutorials and start building projects. The preeminent guide to bridge the gap between learning and doing, this book walks readers through the "where" and "how" of real-world Python programming with practical, actionable instruction. With a focus on real-world functionality, Python Projects details the ways that Python can be used to complete daily tasks and bring efficiency to businesses and individuals alike. Python Projects is written specifically for those who know the Python syntax and lay of the land, but may still be intimidated by larger, more complex projects. The book provides a walk-through of the basic set-up for an application and the building and packaging for a library, and explains in detail the functionalities related to the projects. Topics include: *How to maximize the power of the standard library modules *Where to get third party libraries, and the best practices for utilization *Creating, packaging, and reusing libraries within and across projects *Building multi-layered functionality including networks, data, and user interfaces *Setting up development environments and using virtualenv, pip, and more Written by veteran Python trainers, the book is structured for easy navigation and logical progression that makes it ideal for individual, classroom, or corporate training. For Python developers looking to apply their skills to real-world challenges, Python Projects is a goldmine of information and expert insight.

Coding for Kids in Python: Python Programming Projects for Kids and

Beginners to Get Started Programming Fun Games Packt Publishing Ltd
 IBM® Rational® Application Developer for WebSphere® Software V7.0 (for short, Rational Application Developer) is the full function Eclipse 3.2 based development platform for developing Java™ 2 Platform Standard Edition (J2SETM) and Java 2 Platform Enterprise Edition (J2EETM) applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which includes integrated development environments (Application Developer is here) - Change and release management - Process and portfolio management - Quality management This IBM Redbooks® publication is a programming guide that highlights the features and tooling included with Rational Application Developer V7.0. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V6 Programming Guide, SG24-6449. This book consists of six parts: - Introduction to Rational Application Developer - Develop applications - Test and debug applications - Deploy and profile applications - Team development - Appendixes

Creative Projects for Rust Programmers
IBM Redbooks

Improve your Delphi programming skills by building robust applications for Android, iOS, and Windows platform Key Features Build responsive user interfaces (UIs) for desktop and mobile with FireMonkey Implement a microservices architecture using the Rapid Application Development (RAD) server Create clones of popular applications like Instagram and Facebook using Delphi 10.3 Book Description Delphi is a cross-platform programming language and software development kit that supports rapid application development for Microsoft Windows, Apple Mac OS X, Android, and iOS. With the help of seven practical projects, this book will guide you through the best practices, Delphi Run-Time Library (RTL) resources, and design patterns. Whether you use the Visual Component Library (VCL) or FireMonkey (FMX) framework, these design patterns will be implemented in the same way in Delphi, using Object Pascal. In the first few chapters, you will explore advanced features that will help you build rich applications using the same code base for both mobile and desktop projects. In addition to this, you'll learn how to implement microservice architecture in Delphi. As you get familiar with the various aspects of Delphi, you will no longer need to maintain source code for similar projects, program business rules on screens, or fill your forms with data access components. By the end of this book, you will have gained an understanding of the principles of clean code and become proficient in building robust and scalable applications in Delphi. What you will learn Get to grips with the advanced features of RTL Understand how to deal with the paradigm change between multiplatform

projects Build rich interfaces with Google's Material Design features Understand how to implement design patterns in Delphi Turn a mobile device into a remote controller with app tethering technology Build a multi-database system using VCL Who this book is for This book is for developers, programmers, and IT professionals who want to learn the best market practices by implementing practical projects. Prior knowledge of the Delphi language is a must.

Practical HTML5 Projects Packt Publishing Ltd

The Internet and Web Programming book helps you to understand concepts of Internet, World-Wide-Web and Programming Fundamentals to create websites by using HTML, JavaScript, Java Servlets, ASP, and JSP. The book covers: · Introduction to Web Markup Language (HTML) · Cascading Style Sheet (CSS) · JavaScript and DHTML · Server Side Programming I · Server Side Programming II (Session Tracking) · Server Side Programming III (Database Connectivity) · Introduction to Web Extension

End-User Development Pearson Education

A practical project-based guide to help you build and control your IoT projects Key Features Leverage the full potential of IoT with the combination of Raspberry Pi 3 and Python Build complex Python-based applications with IoT Work on various IoT projects and understand the basics of electronics Book Description The Internet of Things (IOT) has managed to attract the attention of researchers and tech enthusiasts, since it powerfully combines classical networks with instruments and devices. In Internet of Things Programming Projects, we unleash the power of

Raspberry Pi and Python to create engaging projects. In the first part of the book, you'll be introduced to the Raspberry Pi, learn how to set it up, and then jump right into Python programming. Then, you'll dive into real-world computing by creating a "Hello World" app using flash LEDs. As you make your way through the chapters, you'll go back to an age when analog needle meters ruled the world of data display. You'll learn to retrieve weather data from a web service and display it on an analog needle meter, and build a home security system using the Raspberry Pi. The next project has a modern twist, where we employ the Raspberry Pi to send a signal to a web service that will send you a text when someone is at the door. In the final project, you take what you've learned from the previous two projects and create an IoT robot car that you can use to monitor what your pets are up to when you are away. By the end of this book, you will be well versed in almost every possible way to make your IoT projects stand out. What you will learn

Install and set up a Raspberry Pi for IoT development
 Learn how to use a servo motor as an analog needle meter to read data
 Build a home security dashboard using an infrared motion detector
 Communicate with a web service that sends you a message when the doorbell rings
 Receive data and display it with an actuator connected to the Raspberry Pi
 Build an IoT robot car that is controlled through the internet

Who this book is for
 Internet of Things Programming Projects is for Python developers and programmers who are interested in building their own IoT applications and IoT-based projects. It is also targeted at IoT programmers and developers who are looking to build

exciting projects with Python.

Agile Processes in Software Engineering and Extreme Programming

John Wiley & Sons
 Web Programming with HTML5, CSS, and JavaScript is written for the undergraduate, client-side web programming course. It covers the three client-side technologies (HTML5, CSS, and JavaScript) in depth, with no dependence on server-side technologies.
A Guide to Computer User Support for Help Desk and Support Specialists
 Apress

A project-based, practical guide to get hands-on into Vue.js 2.5 development by building beautiful, functional and performant web applications
 About This Book
 Build exciting real world web projects from scratch and become proefficient with Vue.js
 Web Development
 Take your app to the next level with animation, routing, state management, server-side rendering and i18n
 Learn professional web programming techniques to supercharge your Vue.js projects
 Who This Book Is For
 If you are a web developer who now wants to create rich and interactive professional applications using Vue.js, then this book is for you. Prior knowledge of JavaScript is assumed. Familiarity with HTML, Node.js, and tools such as npm and webpack will be helpful but not necessary.
 What You Will Learn
 Set up a full Vue.js npm project with the webpack build tool and the official scaffolding tool, vue-cli
 Write automatically updated templates with directives to create a dynamic web application
 Structure the app with reusable and maintainable components
 Create delightful user experiences with animations
 Use build tools and preprocessor to make larger professional applications
 Create a multi-page

application with the official Vue.js routing library Integrate non-Vue.js elements into your apps like Google Maps Use the official state-management library to prevent errors Optimize your app for SEO and performance with server-side rendering and internationalization In Detail Do you want to make your web application amazingly responsive? Are you unhappy with your app's performance and looking forward to trying out ways to make your app more powerful? Then Vue.js, a framework for building user interfaces, is a great choice, and this book is the ideal way to put it through its paces. This book's project-based approach will get you to build six stunning applications from scratch and gain valuable insights in Vue.js 2.5. You'll start by learning the basics of Vue.js and create your first web app using directives along with rich and attractive user experiences. You will learn about animations and interactivity by creating a browser-based game. Using the available tools and preprocessor, you will learn how to create multi-page apps with plugins. You will create highly efficient and performant functional components for your app. Next, you will create your own online store and optimize it. Finally, you will integrate Vue.js with the real-time Meteor library and create a dashboard showing real-time data. By the end of this book you will have enough skills and will have worked through enough examples of real Vue.js projects to create interactive professional web applications with Vue.js 2.5. Style and approach Project-based guide that will help you start building applications immediately with an easy to follow approach. Our book will have 6 concrete projects. It will take readers through clear and logical steps, with screenshots

and tips along the way to help you follow the guide and learn how to get more from Vue.js.

Web Development with Julia and Genie Sams Publishing

Discover unique features and powerful capabilities of Scala Programming as you build projects in a wide range of domains Key FeaturesDevelop a range of Scala projects from web applications to big data analysisLeverage full power of modern web programming using Play FrameworkBuild real-time data pipelines in Scala with a Bitcoin transaction analysis appBook Description Scala is a type-safe JVM language that incorporates object-oriented and functional programming (OOP and FP) aspects. This book gets you started with essentials of software development by guiding you through various aspects of Scala programming, helping you bridge the gap between learning and implementing. You will learn about the unique features of Scala through diverse applications and experience simple yet powerful approaches for software development. Scala Programming Projects will help you build a number of applications, beginning with simple projects, such as a financial independence calculator, and advancing to other projects, such as a shopping application and a Bitcoin transaction analyzer. You will be able to use various Scala features, such as its OOP and FP capabilities, and learn how to write concise, reactive, and concurrent applications in a type-safe manner. You will also learn how to use top-notch libraries such as Akka and Play and integrate Scala apps with Kafka, Spark, and Zeppelin, along with deploying applications on a cloud platform. By the end of the book, you will not only know the ins and outs of Scala, but you will

also be able to apply it to solve a variety of real-world problems What you will learnBuild, test, and package code using Scala Build ToolDecompose code into functions, classes, and packages for maintainabilityImplement the functional programming capabilities of ScalaDevelop a simple CRUD REST API using the Play frameworkAccess a relational database using SlickDevelop a

dynamic web UI using Scala.jsSource streaming data using Spark Streaming and write a Kafka producerUse Spark and Zeppelin to analyze dataWho this book is for If you are an amateur programmer who wishes to learn how to use Scala, this book is for you. Knowledge of Java will be beneficial, but not necessary, to understand the concepts covered in this book.