

# Access Free Vue Js Up And Running Building Accessible And Performant Web Apps Pdf File Free

**Kubernetes: Up and Running** **Dart: Up and Running** **Terraform: Up & Running** **Prometheus: Up & Running** **Vue. Js - Up and Running** **Ansible: Up and Running** **Terraform: Up and Running** **Up and Running HTML5: Up and Running** **Spock: Up and Running** **Grpc: Up and Running** **Microservices: Up and Running** **Vagrant: Up and Running** **The Ultimate Trail Running Handbook** **Node: Up and Running** **Tableau Prep: Up & Running** **WebGL: Up and Running** **Docker: Up & Running** **Creating Positive Learning Environments for Boys in the Early Years** **React: Up & Running** **Laravel: Up & Running** **Amazon Connect: Up and Running** **Angular: Up and Running** **Jenkins 2: Up and Running** **gRPC: Up and Running** **The Runner's Cookbook** **Up and Running Surround Sound** **Heroku: Up and Running** **Terraform: Up and Running** **Kubernetes: Up and Running** **Consul: Up and Running** **AngularJS: Up and Running** **Heroku** **Ops: Up and Running** **Kubernetes: Up and Running** **Setting Up and Running a Successful Home Business** **Rails: Up and Running** **PostgreSQL: Up and Running** **Appcelerator Titanium: Up and Running**

**Spock: Up and Running** Jan 22 2022 Most developers would agree that writing automated tests is a good idea, but writing good, well-structured tests is still an elusive skill for many. For Java and Groovy developers, however, there's good news. This practical guide shows you how to write concise and highly readable tests with Spock, the most innovative testing and specification framework for the JVM since JUnit. Author Rob Fletcher takes you from Spock basics to advanced topics, using fully worked integration examples. Through the course of this book, you'll build a simple web application—Squawker—that allows users to post short messages. You'll discover how much easier it is to write automated tests with Spock's straightforward and expressive language. Start by learning how to write simple unit tests Understand the lifecycle of Spock specifications and feature methods Dive into interaction testing, using Spock's intuitive syntax for dealing with mocks and stubs Learn about parameterized tests—writing feature methods that run for multiple sets of data Move into advanced topics, such as writing idiomatic Spock code and driving parameterized tests with file or database input Learn how everything works together in a standalone, fully-worked, test-driven development example

**Prometheus: Up & Running** Jul 28 2022 Get up to speed with Prometheus, the metrics-based monitoring system used by tens of thousands of organizations in production. This practical guide provides application developers, sysadmins, and DevOps practitioners with a hands-on introduction to the most important aspects of Prometheus, including dashboarding and alerting, direct code instrumentation, and metric collection from third-party systems with exporters. This open source system has gained popularity over the past few years for good reason. With its simple yet powerful data model and query language, Prometheus does one thing, and it does it well. Author and Prometheus developer Brian Brazil guides you through Prometheus setup, the Node exporter, and the Alertmanager, then demonstrates how to use them for application and infrastructure monitoring. Know where and how much to apply instrumentation to your application code Identify metrics with labels using unique key-value pairs Get an introduction to Grafana, a popular tool for building dashboards Learn how to use the Node Exporter to monitor your infrastructure Use service discovery to provide different views of your machines and services Use Prometheus with Kubernetes and examine exporters you can use with containers Convert data from other monitoring systems into the Prometheus format

**Kubernetes: Up and Running** Oct 26 2019 In just five years, Kubernetes has radically changed the way developers and ops personnel build, deploy, and maintain applications in the cloud. With this book's updated third edition, you'll learn how this popular container orchestrator can help your company achieve new levels of velocity, agility, reliability, and efficiency—whether you're new to distributed systems or have been deploying cloud native apps for some time. Brendan Burns, Joe Beda, Kelsey Hightower, and Lachlan Evenson—who have worked on Kubernetes at Google and beyond—explain how this system fits into the life cycle of a distributed application. Software developers, engineers, and architects will learn ways to use tools and APIs to automate scalable distributed systems for online services, machine learning applications, or even a cluster of Raspberry Pi computers. This guide shows you how to: Create a simple cluster to learn how Kubernetes works Dive into the details of deploying an application using Kubernetes Learn specialized objects in Kubernetes, such as DaemonSets, jobs, ConfigMaps, and secrets Explore deployments that tie together the lifecycle of a complete application Get practical examples of how to develop and deploy real-world applications in Kubernetes

**The Runner's Cookbook** Sep 05 2020 Over 100 delicious meal ideas from bestselling nutritionist Anita Bean, packed with healthy foods and nutrition advice to fuel your running.

**Laravel: Up & Running** Feb 08 2021 What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its ecosystem of tools let you quickly build new sites and applications with clean, readable code. Fully updated to cover Laravel 5.8, the second edition of this practical guide provides the definitive introduction to one of today's most popular web frameworks. Matt Stauffer, a leading teacher and developer in the Laravel community, delivers a high-level overview and concrete examples to help experienced PHP web developers get started with this framework right away. This updated edition also covers Laravel Dusk and Horizon and provides information about community resources and other noncore Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and filtering user-provided data The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPUnit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs Interfaces for filesystem access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing

**The Ultimate Trail Running Handbook** Sep 17 2021 From complete beginners to seasoned off-road runners, The Ultimate Trail Running Handbook has all the training and nutrition advice, skills, gear and motivation you need to become a fit and confident trail runner. There are training plans that take newcomers from 5k parkrun to first trail marathon, while for experienced runners there are sections on strength work, injury prevention and advanced training plans to boost performance up to 50k (30 miles). To keep you enjoying every step, you'll find advice on how to choose the right gear; over 20 easy, healthy recipes; inspiring stories from real trail runners; and advice from top athletes and coaches. And if you want to explore new trails, you can use the navigation and route planning section to create your own exciting off-road adventure. If you're a trail runner or would like to become one, this book is your new best friend.

**Heroku** Dec 29 2019 Build, deploy, and manage applications in the cloud with Heroku, one of the first PaaS platforms to offer sophisticated hosting and development services. With this book, you'll learn how to use Heroku's Cedar runtime stack, a polyglot platform with native support for several languages and frameworks, including Ruby (Rails), Java (Spring), Node.js, and Python (Django). Get started with the Heroku Command Line Interface and learn day-to-day best practices for hosting your applications on the platform. You'll learn everything from basic concepts to advanced topics such as Buildpacks so you can start running in the cloud right away. Use pre-baked code examples and instances in Java and Ruby Learn about Heroku's simple application deployment and strong erosion resistance Understand how applications should be built for modern day cloud hosting, using the 12-factor principle

**Up and Running** Mar 24 2022 If you think that running is just for slim, fit and sporty types, think again!

**Terraform: Up & Running** Aug 29 2022 Terraform has become a key player in the DevOps world for defining, launching, and managing infrastructure as code (IaC) across a variety of cloud and virtualization platforms, including AWS, Google Cloud, Azure, and more. This hands-on second edition, expanded and thoroughly updated for Terraform version 0.12 and beyond, shows you the fastest way to get up and running. Gruntwork cofounder Yevgeniy (Jim) Brikmann walks you through code examples that demonstrate Terraform's simple, declarative programming language for deploying and managing infrastructure with a few commands. Veteran sysadmins, DevOps engineers, and novice developers will quickly go from Terraform basics to running a full stack that can support a massive amount of traffic and a large team of developers. Explore changes from Terraform 0.9 through 0.12, including backends, workspaces, and first-class expressions Learn how to write production-grade Terraform modules Dive into manual and automated testing for Terraform code Compare Terraform to Chef, Puppet, Ansible, CloudFormation, and Salt Stack Deploy server clusters, load balancers, and databases Use Terraform to manage the state of your infrastructure Create reusable infrastructure with Terraform modules Use advanced Terraform syntax to achieve zero-downtime deployment

**Kubernetes: Up and Running** Oct 31 2022 Legend has it that Google deploys over two billion application containers a week. How's that possible? Google revealed the secret through a project called Kubernetes, an open source cluster orchestrator (based on its internal Borg system) that radically simplifies the task of building, deploying, and maintaining scalable distributed systems in the cloud. This practical guide shows you how Kubernetes and container technology can help you achieve new levels of velocity, agility, reliability, and efficiency. Authors Kelsey Hightower, Brendan Burns, and Joe Beda—who've worked on Kubernetes at Google and other organizations—explain how this system fits into the lifecycle of a distributed application. You will learn how to use tools and APIs to automate scalable distributed systems, whether it is for online services, machine-learning applications, or a cluster of Raspberry Pi computers. Explore the distributed system challenges that Kubernetes addresses Dive into containerized application development, using containers such as Docker Create and run containers on Kubernetes, using the docker image format and container runtime Explore specialized objects essential for running applications in production Reliably roll out new software versions without downtime or errors Get examples of how to develop and deploy real-world applications in Kubernetes

**Jenkins 2: Up and Running** Nov 07 2020 Design, implement, and execute continuous delivery pipelines with a level of flexibility, control, and ease of maintenance that was not possible with Jenkins before. With this practical book, build administrators, developers, testers, and other professionals will learn how the features in Jenkins 2 let you define pipelines as code, leverage integration with other key technologies, and create automated, reliable pipelines to simplify and accelerate your DevOps environments. Author Brent Laster shows you how Jenkins 2 is significantly different from the more traditional, web-only versions of this popular open source automation platform. If you're familiar with Jenkins and want to take advantage of the new technologies to transform your legacy pipelines or build new modern, automated continuous delivery environments, this is your book. Create continuous delivery pipelines as code with the Jenkins domain-specific language Get practical guidance on how to migrate existing jobs and pipelines Harness best practices and new methods for controlling access and security Explore the structure, implementation, and use of shared pipeline libraries Learn the differences between declarative syntax and scripted syntax Leverage new and existing project types in Jenkins Understand and use the new Blue Ocean graphical interface Take advantage of the capabilities of the underlying OS in your pipeline Integrate analysis tools, artifact management, and containers

**AngularJS: Up and Running** Jan 28 2020 Annotation Develop smaller, lighter web apps that are simple to create and easy to test, extend, and maintain as they grow. This hands-on guide introduces you to AngularJS, the open source JavaScript framework that uses model-view-controller (MVC) architecture, data binding, client-side templates and dependency injection to create a much-needed structure for building web apps.

**Microservices: Up and Running** Nov 19 2021 Microservices architectures offer faster change speeds, better scalability, and cleaner, evolvable system designs. But implementing your first microservices architecture is difficult. How do you make myriad choices, educate your team on all the technical details, and navigate the organization to a successful execution to maximize your chance of success? With this book, authors Ronnie Mitra and Irakli Nadareishvili provide step-by-step guidance for building an effective microservices architecture. Architects and engineers will follow an implementation journey based on techniques and architectures that have proven to work for microservices systems. You'll build an operating model, a microservices design, an infrastructure foundation, and two working microservices, then put those pieces together as a single implementation. For anyone tasked with building microservices or a microservices architecture, this guide is invaluable. Learn an effective and explicit end-to-end microservices system design Define teams, their responsibilities, and guidelines for working together Understand how to slice a big application into a collection of microservices Examine how to isolate and embed data into corresponding microservices Build a simple yet powerful CI/CD pipeline for infrastructure changes Write code for sample microservices Deploy a working microservices application on Amazon Web Services **Up and Running** Aug 05 2020 Patinkin shares the gripping story of a young boy's battle with a life-threatening illness and how a community fought to save him.

**Heroku: Up and Running** Jun 02 2020 Take full advantage of Heroku's cloud-based hosting services. This guide takes you through the inner workings of this PaaS platform and delivers practical advice for architecting your application to work as efficiently as possible. You'll learn best practices for improving speed and throughput, solving latency issues, locating and fixing problems if your application goes down, and ensuring your deployments go smoothly. By covering everything from basic concepts and primary components to add-on services and advanced topics such as buildpacks, this book helps you effectively deploy and manage your application with Heroku. Learn your way around Heroku with the command line interface Discover several methods for scaling your application to increase throughput

Speed up response time through performance optimizations Solve latency issues by deploying your Heroku instance in new regions Choose the right plan for using Heroku's PostgreSQL database-as-a-service Get a checklist of items to consider when deploying your application Find and fix problems during deployment, at runtime, and when your application goes down Understand how Heroku buildpacks work, and learn how customize your own

**Dart: Up and Running** Sep 29 2022 Get moving with Dart, the development platform that helps you build high-performance HTML5 apps for the modern Web. With this guide, you'll take a hands-on tour of the Dart language, libraries, and tools—including its editor and virtual machine—for developing structured, fast, and maintainable web apps that run on both the client and the server. Written by developer advocates at Google, this updated edition covers Dart 1.0. Google designed Dart to boost performance and help developers work more efficiently. This book shows you how to build everything from simple scripts to complex apps that work well in today's browsers. Build web apps with the object-oriented Dart language, and compile your code to JavaScript Delve into language features, from optional types and method cascades to named constructors Create, launch, and debug web and command-line apps with Dart Editor Explore Dart APIs, including dart:core, dart:html, dart:io, dart:convert, and dart:mirrors Use tools such as Dartium, the Chromium-based browser that can run Dart apps natively Walk through Dartiverse Search, a client-server app that combines useful and fun language and API features

**gRPC: Up and Running** Oct 07 2020 Get a comprehensive understanding of gRPC fundamentals through real-world examples. With this practical guide, you'll learn how this high-performance interprocess communication protocol is capable of connecting polyglot services in microservices architecture, while providing a rich framework for defining service contracts and data types. Complete with hands-on examples written in Go, Java, Node, and Python, this book also covers the essential techniques and best practices to use gRPC in production systems. Authors Kasun Indrasiri and Danesh Kuruppu discuss the importance of gRPC in the context of microservices development.

**Tableau Prep: Up & Running** Jul 16 2021 For self-service data preparation, Tableau Prep is relatively easy to use—as long as you know how to clean and organize your datasets. Carl Allchin, from The Information Lab in London, gets you up to speed on Tableau Prep through a series of practical lessons that include methods for preparing, cleaning, automating, organizing, and outputting your datasets. Based on Allchin's popular blog, Preppin' Data, this practical guide takes you step-by-step through Tableau Prep's fundamentals. Self-service data preparation reduces the time it takes to complete data projects and improves the quality of your analyses. Discover how Tableau Prep helps you access your data and turn it into valuable information. Know what to look for when you prepare data Learn which Tableau Prep functions to use when working with data fields Analyze the shape and profile of your dataset Output data for analysis and learn how Tableau Prep automates your workflow Learn how to clean your dataset using Tableau Prep functions Explore ways to use Tableau Prep techniques in real-world scenarios Make your data available to others by managing and documenting the output

**Vagrant: Up and Running** Oct 19 2021 Discover why Vagrant is a must-have tool for thousands of developers and ops engineers. This hands-on guide shows you how to use this open source software to build a virtual machine for any purpose—including a completely sandboxed, fully provisioned development environment right on your desktop. Vagrant creator Mitchell Hashimoto shows you how to share a virtual machine image with members of your team, set up a separate virtualization for each project, and package virtual machines for use by others. This book covers the V1 (1.0.x) configuration syntax running on top of a V2 (1.1+) core, the most stable configuration format running on the latest core. Build a simple virtual machine with just two commands and no configuration Create a development environment that closely resembles production Automate software installation and management with shell scripts, Chef, or Puppet Set up a network interface to access your virtual machine from any computer Use your own editor and browser to develop and test your applications Test complicated multi-machine clusters with a single Vagrantfile Change Vagrant's default operating system to match your production OS Extend Vagrant features with plugins, including components you build yourself

**Terraform: Up and Running** May 02 2020 Terraform has become a key player in the DevOps world for defining, launching, and managing infrastructure as code (IaC) across a variety of cloud and virtualization platforms, including AWS, Google Cloud, Azure, and more. This hands-on third edition, expanded and thoroughly updated for version 1.0 and beyond, shows you the fastest way to get up and running with Terraform. Gruntwork cofounder Yevgeniy (Jim) Brikman takes you through code examples that demonstrate Terraform's simple, declarative programming language for deploying and managing infrastructure with a few commands. Veteran sysadmins, DevOps engineers, and novice developers will quickly go from Terraform basics to running a full stack that can support a massive amount of traffic and a large team of developers. Compare Terraform with Chef, Puppet, Ansible, CloudFormation, and Pulumi Deploy servers, load balancers, and databases Create reusable infrastructure with Terraform modules Test your Terraform modules with static analysis, unit tests, and integration tests Configure CI/CD pipelines for both your apps and infrastructure code Use advanced Terraform syntax for loops, conditionals, and zero-downtime deployment Get up to speed on Terraform 0.13 to 1.0 and beyond Work with multiple clouds and providers (including Kubernetes!)

**Setting Up and Running a Successful Home Business** Sep 25 2019

**Consul: Up and Running** Feb 29 2020 With the advent of microservices, Kubernetes, public cloud, and hybrid computing, site reliability and DevOps engineers are facing more complexity than ever before. Service mesh is an exciting new technology that promises to help tackle this complexity. A service mesh provides you with a unified control plane to manage application networking across these distinct platforms. With this definitive guide, you'll learn how to automate networking for simple and secure application delivery with Consul. Author Luke Kysow, Consul engineer at HashiCorp, demonstrates how this service mesh solution provides a software-driven approach to security, observability, reliability, and traffic management. Once you learn how to deploy Consul on multiple platforms, you'll be able to take control of application traffic, prevent outages, view metrics, integrate with legacy systems, and more. Dive into the characteristics of service meshes, zero trust networking, and traffic-shaping patterns Deploy Consul on Kubernetes and virtual machines Learn how to secure, monitor, and manage your application traffic with Consul Use this guide to deploy and operate applications as a platform operator, DevOps engineer, or developer

**Terraform: Up and Running** Apr 24 2022 Terraform has become a key player in the DevOps world for defining, launching, and managing infrastructure as code (IaC) across a variety of cloud and virtualization platforms, including Azure, Google Cloud, DigitalOcean, and others. The updated second edition of this hands-on guide is fastest way to get up and running with Terraform.

**Creating Positive Learning Environments for Boys in the Early Years** Apr 12 2021 Getting Boys Up and Running in the Early Years addresses the fact that boys do less well than girls in all areas of learning in the Early Years and continue to lag behind girls in assessments throughout their school careers. This book draws on current research to provide practical advice on ways in which Early Years practitioners can create positive learning environments for all children. It explores how best to match provision to all children's learning styles, aiding their progress in personal, social and emotional development, communication and language, and physical development. Final chapters show how learning in all other curriculum areas can follow, in a carefully designed environment. Key points explored include: the environment we can create to enable both boys and girls to become confident and autonomous learners ways that practitioners can evaluate and enhance provision to improve levels of well-being and involvement physical development and the value of active, challenging and adventurous play practical ways to stimulate language development planned activities and rich experiences that support holistic learning in an inspiring environment. Giving clear guidance on helping boys to meet high expectations in a playful and creative way, Getting Boys Up and Running in the Early Years is an essential read for anyone working to create a positive foundation for boys in Early Years education. "

**Opa: Up and Running** Nov 27 2019 Want to simplify web development? This hands-on book shows you how to write frontend and backend code simultaneously, using the Opa framework. Opa provides a complete stack for web application development, including a web server, database engine, distribution libraries, and a programming language that compiles to JavaScript. You'll learn step-by-step how to use Opa by building two projects through the course of the book: a wiki application similar to Wikipedia, and a Twitter-like micro-blogging platform. Discover how easy it is to use Opa to develop applications with real-time updates, database interactions, and web service design. Do you have JavaScript experience? You're ready to get started. Learn fundamental concepts, including Opa's functional programming style Discover how Opa compiles to JavaScript, using jQuery on the frontend and Node.js on the server Construct HTML resources dynamically and embed static resources on an Opa server Use Opa's method for performing CRUD operations and storing key-value pairs in MongoDB Build an Opa user interface with the Bootstrap toolkit from Twitter Learn variant types, pattern-matching, polymorphic types, recursive functions, and other advanced features Manage user accounts by building login forms, handling account activation, and tracking logged users Build a reactive UI—a real-time interface that continuously updates user events

**React: Up & Running** Mar 12 2021 Hit the ground running with React, the open-source technology from Facebook for building rich web applications fast. With this practical guide, Yahoo! web developer Stoyan Stefanov teaches you how to build components—React's basic building blocks—and organize them into maintainable, large-scale apps. If you're familiar with basic JavaScript syntax, you're ready to get started. Once you understand how React works, you'll build a complete custom Whinepad app that helps users rate wines and keep notes. You'll quickly learn why some developers consider React the key to the web app development puzzle. Set up React and write your first "Hello world" web app Create and use custom React components alongside generic DOM components Build a data table component that lets you edit, sort, search, and export its contents Use the JSX syntax extension as an alternative to function calls Set up a lean, low-level build process that helps you focus on React Build a complete custom app that lets you store data on the client Use ESLint, Flow, and Jest tools to check and test your code as your app evolves Manage communication between components with Flux

**Rails: Up and Running** Aug 24 2019 In just a matter of days, you can develop powerful web applications with Rails that once took weeks or months to produce with other web frameworks. If that sounds too good to be true, it isn't. Find out for yourself with Rails: Up and Running, the concise and popular book that not only explains how Rails works, but guides you through a complete test drive. Perfect for beginning web developers, this thoroughly revised edition teaches you the basics of installing and using Rails 2.1 and the Ruby scripting language. While Rails is praised for its simplicity, there are still a few tricky steps to master along the way. Rails: Up and Running offers lots of examples and covers just about everything you need to build functional Rails applications right away. Learn how to: Create simple database-backed applications, and build dynamic user-centric web pages using Ajax and REST Exploit the Rails service frameworks to send emails and implement web services Map data to an imperfect table, traverse complex relationships, and build custom finders Use techniques to solve common database performance problems See how fast you can go on Rails, and how reliable it's become with the stability and power of version 2.1. With Rails: Up and Running, you'll discover why Rails is a remarkable new way to build database-driven web applications.

**HTML5: Up and Running** Feb 20 2022 If you don't know about the new features available in HTML5, now's the time to find out. This book provides practical information about how and why the latest version of this markup language will significantly change the way you develop for the Web. HTML5 is still evolving, yet browsers such as Safari, Mozilla, Opera, and Chrome already support many of its features -- and mobile browsers are even farther ahead. HTML5: Up & Running carefully guides you through the important changes in this version with lots of hands-on examples, including markup, graphics, and screenshots. You'll learn how to use HTML5 markup to add video, offline capabilities, and more -- and you'll be able to put that functionality to work right away. Learn new semantic elements, such as , , and Meet Canvas, a 2D drawing surface you can program with JavaScript Embed video in your web pages without third-party plugins Use Geolocation to let web application visitors share their physical location Take advantage of local storage capacity that goes way beyond cookies Build offline web applications that work after network access is disconnected Learn about several new input types for web forms Create your own custom vocabularies in HTML5 with microdata

**Appcelerator Titanium: Up and Running** Jun 22 2019 Build native apps for iOS, Android, and BlackBerry from a single JavaScript codebase with Appcelerator Titanium. This guide gets you quickly up to speed on this amazing framework and shows you how to generate cross-platform apps with 100% native controls. You'll also learn the advantages of using Titanium when you want to create an app for just one native platform, rather than struggle with Java or Objective-C. Fast-paced and full of examples, this book helps you build your first project with Titanium Studio, and then takes you through the steps necessary to build complex data-bound apps. Learn how Titanium differs from frameworks such as jQuery Mobile and Sencha Touch Set up and use iOS and Android SDKs and compilers with Titanium Build basic UI and window controls, and create your own composite objects Take a peek at how Titanium objects and methods work behind the scenes Learn how JavaScript makes Titanium easy to extend and customize Develop apps that consume complex data, whether it's stored locally or on remote servers Understand the pros and cons of distributing apps on the App Store and Android Market

**Docker: Up & Running** May 14 2021 Docker is rapidly changing the way organizations deploy software at scale. However, understanding how Linux containers fit into your workflow—and getting the integration details right—is not a trivial task. With the updated edition of this practical guide, you'll learn how to use Docker to package your applications with all of their dependencies and then test, ship, scale, and support your containers in production. This edition includes significant updates to the examples and explanations that reflect the substantial changes that have occurred over the past couple of years. Sean Kane and Karl Matthias have added a complete chapter on Docker Compose, deeper coverage of Docker Swarm mode, introductions to both Kubernetes and AWS Fargate, examples on how to optimize your Docker images, and much more. Learn how Docker simplifies dependency management and deployment workflow for your applications Start working with Docker images, containers, and command line tools Use practical techniques to deploy and test Docker containers in production Debug containers by understanding their composition and internal processes Deploy production containers at scale inside your data center or cloud environment Explore advanced Docker topics, including deployment tools, networking, orchestration, security, and configuration

**Amazon Connect: Up and Running** Jan 10 2021 Explore Amazon Connect, from implementing call flows and creating AI bots to integrating artificial intelligence solutions and analyzing critical customer sentiment Key Features Discover how to integrate chat with Connect to allow organizations to reduce operations costs Leverage machine learning to perform natural language processing (NLP) for analyzing customer feedback and trends Learn how to integrate your enterprise application with Amazon Connect Book Description Amazon Connect is a pay-as-you-go cloud contact center solution that powers Amazon's customer contact system and provides an impressive user experience while reducing costs. Connect's scalability has been especially helpful during COVID-19, helping customers with research, remote work, and other solutions, and has driven adoption rates higher. Amazon Connect: Up and Running will help you develop a foundational understanding of Connect's capabilities and how businesses can effectively estimate the costs and risks associated with migration. Complete with hands-on tutorials, costing profiles, and real-world use cases relating to improving business operations, this easy-to-follow guide will teach you everything you need to get your call center online, interface with critical business systems, and take your customer experience to the next level. As you advance, you'll understand the benefits of using Amazon Connect and cost estimation guidelines for migration and new deployments. Later, the book guides you through creating AI bots, implementing interfaces, and leveraging machine learning for business analytics. By the end of this book, you'll be able to bring a Connect call center online with all its major components and interfaces to significantly reduce personnel overhead and provide your customers with an enhanced user experience (UX). What you will learn Become well-versed with the capabilities and benefits of Amazon Connect Determine cost-effective solutions by integrating Connect with AWS Create, modify, and connect contact flows to improve efficiency Build a conversational interface with Amazon Lex Find out how to transfer contact records out of Connect via Kinesis Gather user insights and improve business operations with Amazon QuickSight Analyze customer-agent conversations with ML speech analytics capabilities Discover ways to provide superior customer service at a lower cost Who this book is for This Amazon Connect book is for anyone looking to save costs and improve their customer experience through a more advanced call center using Amazon Connect and other AWS capabilities. A technical understanding of Amazon Web Services (AWS) and beginner-level business administration experience are necessary to address cost concerns and risks.

**Angular: Up and Running** Dec 09 2020 This book will demystify Angular as a framework, as well as provide clear instructions and examples on how to get started with writing scalable Angular applications. Angular: Up & Running covers most of the major pieces of Angular, but in a structured manner that is generally used in hands-on training. Each chapter takes one concept, and use examples to cover how it works. Problems to work on (with solutions) at the end of each chapter reinforce the learnings of each chapter and allow readers to really get hands-on with Angular.

**Node: Up and Running** Aug 17 2021 This book introduces you to Node, the new web development framework written in JavaScript. You'll learn hands-on how Node makes life easier for experienced JavaScript developers: not only can you work on the front end and back end in the same language, you'll also have more flexibility in choosing how to divide application logic between client and server. Written by a core contributor to the framework, Node: Up and Running shows you how Node scales up to support large numbers of simultaneous connections across multiple servers, and scales down to let you create quick one-off applications with minimal infrastructure. Built on the V8 JavaScript engine that runs Google Chrome, Node is already winning the hearts and minds of many companies, including Google and Yahoo! This book shows you why. Understand Node's event-loop architecture, non-blocking I/O, and event-driven programming Discover how Node supports a variety of database and data storage tools Learn best practices for writing easy-to-maintain code for Node Get concrete examples of how to use the various Node APIs in practice Take advantage of the book's complete API reference

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**Surround Sound** Jul 04 2020 Fully updated throughout this best selling title on surround sound offers you a wealth of practical information, now considered the 'go to' book for those requiring a working knowledge. Concentrating specifically on surround audio, Holman provides clear comprehensive explanations of complex concepts, making this a must have book for all those in the field.

**Ansible: Up and Running** May 26 2022 Among the many configuration management tools available, Ansible has some distinct advantages—it's minimal in nature, you don't need to install anything on your nodes, and it has an easy learning curve. This practical guide shows you how to be productive with this tool quickly, whether you're a developer deploying code to production or a system administrator looking for a better automation solution. Author Lorin Hochstein shows you how to write playbooks (Ansible's configuration management scripts), manage remote servers, and explore the tool's real power: built-in declarative modules. You'll discover that Ansible has the functionality you need and the simplicity you desire. Understand how Ansible differs from other configuration management systems Use the YAML file format to write your own playbooks Learn Ansible's support for variables and facts Work with a complete example to deploy a non-trivial application Use roles to simplify and reuse playbooks Make playbooks run faster with ssh multiplexing, pipelining, and parallelism Deploy applications to Amazon EC2 and other cloud platforms Use Ansible to create Docker images and deploy Docker containers

**Vue.js - Up and Running** Jun 26 2022 Get a brisk introduction to building fast, interactive single-page web applications with Vue.js, the popular JavaScript framework that organizes and simplifies web development. With this practical guide, you'll quickly move from basics to custom components and advanced features—including JSX, the JavaScript syntax extension. Author Callum Macrae shows you how to use the most useful libraries in the Vue ecosystem, such as vue-router for routing, vuex for state management, and vue-test-utils for testing. If you're a frontend developer familiar with JavaScript, HTML, and CSS, this book will show you how to develop a fully featured web application using Vue. Learn Vue.js basics, including its use of templates to display data on a page Set up Vue projects from scratch, or use vue-cli to set up from a template Create a maintainable codebase by splitting code into self-contained components Discover how Vue.js works with CSS to style your websites and applications Use render functions and JSX, rather than templates, to determine what Vue displays Control how code is executed and displayed with vue-router Manage state in one centralized place with the Vuex library Write unit tests to ensure your Vue components don't break in the future

**PostgreSQL: Up and Running** Jul 24 2019 Thinking of migrating to PostgreSQL? This updated guide helps you quickly understand and use the 9.3 release of this open source database system. You'll not only learn about its unique enterprise-class features, but also discover that PostgreSQL is more than just a database system—it's also an impressive application platform. Using numerous examples, this book shows you how to achieve tasks that are difficult or impossible in other databases. The second edition covers LATERAL queries, augmented JSON support, materialized views, and other key topics. If you're an existing PostgreSQL user, you'll pick up gems you may have missed along the way. Learn basic administration tasks, such as role management, database creation, backup, and restore Apply the psql command-line utility and the pgAdmin graphical administration tool Explore PostgreSQL tables, constraints, and indexes Learn powerful SQL constructs not generally found in other databases Use several different languages to write database functions Tune your queries to run as fast as your hardware will allow Query external and variegated data sources with Foreign Data Wrappers Learn how to replicate data, using built-in replication features

**WebGL: Up and Running** Jun 14 2021 Presents an introduction to WebGL development and production concepts to create full 3D applications.

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