
Docker Mastery The Complete Toolset From A Docker Captain

The Car Hacker's Handbook
 Pro PHP Application Performance
 Practical DataOps
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Docker Mastery The Complete Toolset Downloaded from process.ogleschool.edu
From A Docker Captain by guest

HARPER VALENTINE

The Car Hacker's Handbook "O'Reilly Media, Inc."
 Administer and configure the GlassFish v2 application server.
 Pro PHP Application Performance Packt Publishing Ltd
 This is the eBook edition of the Cisco Certified DevNet Associate DEVASC 200-901 Official Cert Guide. This eBook does not include access to the companion website with practice exam that comes with the print edition. Access to the video mentoring is available through product registration at Cisco Press; or see the instructions in the back pages of your eBook. Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco Certified DevNet Associate DEVASC 200-901 exam topics Assess your knowledge with chapter-opening quizzes

Review key concepts with exam preparation tasks Learn from more than two hours of video mentoring Cisco Certified DevNet Associate DEVASC 200-901 Official Cert Guide presents you with an organized test preparation routine through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Cisco Certified DevNet Associate DEVASC 200-901 Official Cert Guide focuses specifically on the objectives for the Cisco Certified DevNet Associate DEVASC exam. Four leading Cisco technology experts share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well regarded for its level of detail, assessment features, comprehensive design scenarios, , this official study

guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the Cisco Certified DevNet Associate DEVASC 200-901 exam, including: Software Development and Design Understanding and Using APIs Cisco Platforms and Development Application Deployment and Security Infrastructure and Automation Network Fundamentals [Practical DataOps](#) O'Reilly Media

We learn more from failures than we do from successes. When something goes as expected, we use that process as a mental template for future projects. Success actually stunts the learning process because we think we have established a successful pattern, even after just one instance of success. It is a flawed confirmation that "This is the correct way to do it," which has a tendency to morph into "This is the only way to do it." Real learning comes through crisis. If something goes wrong, horribly wrong, we have to scramble, experiment, hack, scream and taze our way through the process. Our minds flail for new ideas, are more willing to experiment, are more open to external input when we're in crisis mode. The Genesis of an Idea That's where the idea for this book came from. When I was in Singapore for DevSecOps Days 2018. Edwin Kwan, Stefan Streichsbier and DJ Schleen were swapping war stories over a couple of beers. The conclusion of their evening of telling tales was the desire to find a way to get those stories out to the community. They spoke with me about putting together a team of authors who would tell their own stories in the hope of helping the DevSecOps Community understand that failure is an option. Yes. You read that right. Failure is an option. Failure is part of the process of making the cultural and technological transformation that needs to happen in order to keep innovating. It is part of the journey to DevSecOps. The stories presented here aren't a roadmap. What they do is acknowledge failure as a part of the knowledge base of the DevSecOps Community. The days of stand-alone security teams isolated from the real process of development are coming to an end. Paraphrasing Caroline Wong, "Security needs to be invited to the party, not perceived as a goon standing at the front door denying admission." With DevSecOps, security is now part of the team. After reading these stories, we hope you will realize you are not alone in your journey. Not only are you not alone, there are early adopters who have gone before you, not exactly "hacking a trail through the swamp," but at least marking the booby traps, putting flags next to the quick-sandpits and holding up a 'Dragons be here' sign at perilous cave openings

The Docker Book John Wiley & Sons

The infrastructure-as-code revolution in IT is also affecting database administration. With this practical book, developers, system administrators, and junior to mid-level DBAs will learn how the modern practice of site reliability engineering applies to the craft of database architecture and operations. Authors Laine Campbell and Charity Majors provide a framework for professionals looking to join the ranks of today's database reliability engineers (DBRE). You'll begin by exploring core operational concepts that DBREs need to master. Then you'll examine a wide range of database persistence options, including how to implement key technologies to provide resilient, scalable, and performant data storage and retrieval. With a firm foundation in database reliability engineering, you'll be ready to dive into the architecture and operations of any modern database. This book covers: Service-level requirements and risk management Building and evolving an architecture for operational visibility Infrastructure engineering and infrastructure management How to facilitate the release management process Data storage, indexing, and replication Identifying datastore characteristics and best use cases Datastore architectural components and data-

driven architectures

Exam Ref AZ-303 Microsoft Azure Architect Technologies Packt Publishing Ltd

Discover DevOps secrets from leading experts. Viktor Farcic interviews DevOps industries voices including Mike Kail, Greg Bledsoe, Jeff Sussna, James Turnbull, Kohsuke Kawaguchi, Liz Keogh, and more. Key Features Leading DevOps experts share their insights into modern DevOps practice Engage with the real-world challenges of putting DevOps to work Strengthen your DevOps practices now and prepare for future DevOps trends Book Description DevOps promises to break down silos, uniting organizations to deliver high quality output in a cross-functional way. In reality it often results in confusion and new silos: pockets of DevOps practitioners fight the status quo, senior decision-makers demand DevOps paint jobs without committing to true change. Even a clear definition of what DevOps is remains elusive. In DevOps Paradox, top DevOps consultants, industry leaders, and founders reveal their own approaches to all aspects of DevOps implementation and operation. Surround yourself with expert DevOps advisors. Viktor Farcic draws on experts from across the industry to discuss how to introduce DevOps to chaotic organizations, align incentives between teams, and make use of the latest tools and techniques. With each expert offering their own opinions on what DevOps is and how to make it work, you will be able to form your own informed view of the importance and value of DevOps as we enter a new decade. If you want to see how real DevOps experts address the challenges and resolve the paradoxes, this book is for you. What you will learn Expert opinions on: Introducing DevOps into real-world, chaotic business environments Deciding between adopting cutting edge tools or sticking with tried-and-tested methods Initiating necessary business change without positional power Managing and overcoming fear of change in DevOps implementations Anticipating future trends in DevOps and how to prepare for them Getting the most from Kubernetes, Docker, Puppet, Chef, and Ansible Creating the right incentives for DevOps success across an organization The impact of new techniques, such as Lambda, serverless, and schedulers, on DevOps practice Who this book is for Anybody interested in DevOps will gain a lot from this book. If you want to get beyond the simplistic ideals and engage with the deep challenges of putting DevOps to work in the real world, this book is for you.

The Invincible Company James Turnbull

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

CompTIA PenTest+ PT0-001 Cert Guide Pearson IT Certification 2018 version of the OSINT Tools and Resources Handbook. This version is almost three times the size of the last public release in 2016. It reflects the changing intelligence needs of our clients in both the public and private sector, as well as the many areas we have been active in over the past two years.

97 Things Every Java Programmer Should Know Apress

Learn how to write high-quality kernel module code, solve common Linux kernel programming issues, and understand the fundamentals of Linux kernel internals Key Features Discover how to write kernel code using the Loadable Kernel Module framework Explore industry-grade techniques to perform efficient memory allocation and data synchronization within the kernel Understand the essentials of key internals topics such as kernel architecture, memory management, CPU scheduling, and kernel synchronization Book Description Linux Kernel Programming is a comprehensive introduction for those new to Linux kernel and module development. This easy-to-follow guide will have you up and running with writing kernel code in next-to-no time. This book uses the latest 5.4 Long-Term Support (LTS) Linux kernel, which will be maintained from November 2019 through to December 2025. By working with the 5.4 LTS kernel throughout the book, you can be confident that your knowledge will continue to be valid for years to come. You'll start the journey by learning how to build the kernel from the source. Next, you'll write your first kernel module using the powerful Loadable Kernel Module (LKM) framework. The following chapters will cover key kernel internals topics including Linux kernel architecture, memory management, and CPU scheduling. During the course of this book, you'll delve into the fairly complex topic of concurrency within the kernel, understand the issues it can cause, and learn how they can be addressed with various locking technologies (mutexes, spinlocks, atomic, and refcount operators). You'll also benefit from more advanced material on cache effects, a primer on lock-free techniques within the kernel, deadlock avoidance (with lockdep), and kernel lock debugging techniques. By the end of this kernel book, you'll have a detailed understanding of the fundamentals of writing Linux kernel module code for real-world projects and products. What you will learn Write high-quality modular kernel code (LKM framework) for 5.x kernels Configure and build a kernel from source Explore the Linux kernel architecture Get to grips with key internals regarding memory management within the kernel Understand and work with various dynamic kernel memory alloc/dealloc APIs Discover key internals aspects regarding CPU scheduling within the kernel Gain an understanding of kernel concurrency issues Find out how to work with key kernel synchronization primitives Who this book is for This book is for Linux programmers beginning to find their way with Linux kernel development. If you're a Linux kernel and driver developer looking to overcome frequent and common kernel development issues, or understand kernel internals, you'll find plenty of useful information. You'll need a solid foundation of Linux CLI and C programming before you can jump in.

DevOps Mastery: Unlocking Core Techniques for Optimal Software Delivery Packt Publishing Ltd

A step-by-step guide to implementing Continuous Integration and Continuous Delivery for Mobile, Hybrid, and Web applications KEY FEATURES a- This book covers all these practices that can be utilized in real-life scenarios with sample applications written in Java, Android, iOS, Node.js, Angular, Ionic Cordova, Xamarin, Python, and PHP. a- This book provides detailed insight into Microsoft Azure Cloud, especially Platform as a Service Model - Azure App Services. a- This book utilizes the Multi-Stage Pipeline Feature of Azure DevOps. Step by Step implementation of Continuous Practices of DevOps makes it easy to understand

even for beginners of DevOps practices. DESCRIPTION This book will cover an approach that includes the understanding of DevOps, Assessment of AS-IS state, DevOps Practices Implementation and measurement of success. The main objective is to demonstrate Continuous Practices of DevOps Culture using Microsoft Azure DevOps and Microsoft Azure Cloud across different types of applications such as Mobile apps, Hybrid Mobile App, and Web applications. The main idea is to have a uniform approach across different types of applications such as Mobile apps, Hybrid Mobile App, and Web applications. It is important to have a uniform approach of DevOps Practices implementation in an application written in different programming languages such as Java, Android, iOS, Node.js, Angular, Ionic Cordova, Xamarin, Python, and PHP. WHAT WILL YOU LEARN a- Learn to create a Multi-Stage (CI/CD) Pipeline for sample applications a- Configure Unit Test Execution and Code Coverage Reports in Azure DevOps for sample applications a- Create and configure Cloud resources using Platform as a Service Model - Azure App Services for Web Applications and deploy Web Applications to Azure App Services using Pipeline a- Understand how to distribute Mobile App Packages (APK and IPA) to App Center WHO THIS BOOK IS FOR This book is suitable for DevOps Consultants, DevOps Evangelists, DevOps Engineers, Technical Specialists, Technical Architects, Cloud Experts, and Beginners. TABLE OF CONTENTS 1. Overview of DevOps Practices 2. DevOps Assessment - Measure the "e;AS-IS"e; Maturity 3. DevOps Practices Implementation for Android App - Azure DevOps Pipelines 4. DevOps Practices Implementation for iOS App - Azure DevOps Pipelines 5. DevOps Practices Implementation for Native Apps using App Center 6. DevOps Practices Implementation for Java App - Azure DevOps Pipelines 7. DevOps Practices Implementation for Node.js Apps - Azure DevOps Pipelines 8. DevOps Practices Implementation for Angular App - Azure DevOps Pipelines 9. DevOps Practices Implementation for Python and, PHP - Azure DevOps Pipelines 10. DevOps Practices Implementation for Hybrid Mobile App (Ionic and Xamarin) - Azure DevOps Pipeline 11. Azure DevOps Best Practices 12. Measure Benefits of DevOps Practices Implementations AUTHOR BIO Mitesh is a DevOps engineer. He is in love with the DevOps culture and concept. Continuous improvement is his motto in life with existing imperfection. Mitesh has worked on multiple DevOps practices implementation initiatives. His primary focus is on the improvement of the existing culture of an organization or a project using Continuous Integration and Continuous Delivery. He believes that attitude and dedication are some of the biggest virtues that can improve professional as well as personal life! He has good experience in DevOps consulting, and he enjoys talking about DevOps and CULTURE transformation using existing practices and improving them with open source or commercial tools. Mitesh always believes that DevOps is a cultural transformation, and it is facilitated by People, Processes, and Tools. DevOps transformation is a tools agnostic approach. He loves to give training and share knowledge with the community. He has a keen knowledge of programming, and he is aware of different languages/frameworks/platforms such as Java, Android, iOS, NodeJS, Angular. His main objective is to get enough information related to the project in a way that it is helpful in creating an end to end automation pipeline. In his leisure time, he likes to walk in Garden, to click photographs, and to do cycling. He prefers to spend time in peaceful places. His favorite tool / services for DevOps Practices implementation is Azure DevOps and Jenkins in commercial and open sources categories respectively. *Cloud Native Transformation* CRC Press Learn from an expert on how to use Kubernetes, the most adopted container orchestration platform. About This BookGet a

detailed, hands-on exploration of everything from the basic to the most advanced aspects of Kubernetes. Explore the tools behind not only the official project but also the third-party add-ons. Learn how to create a wide range of tools, including clusters, Role Bindings, and Ingress Resources with default backends, among many applicable, real-world creations. Discover how to deploy and manage highly available and fault-tolerant applications at scale with zero downtime. Who This Book Is For This book is for professionals experienced with Docker, looking to get a detailed overview from the basics to the advanced features of Kubernetes. What You Will Learn Let Viktor show you the wide range of features available in Kubernetes—from the basic to the most advanced features. Learn how to use the tools not only from the official project but also from the wide range of third-party add-ons. Understand how to create a pod, how to Scale Bids with Replica Sets, and how to install both Kubectl and Minikube. Explore the meaning of terms such as container scheduler and Kubernetes. Discover how to create a local Kubernetes cluster and what to do with it. In Detail Building on The DevOps 2.0 Toolkit, The DevOps 2.1 Toolkit: Docker Swarm, and The DevOps 2.2 Toolkit: Self-Sufficient Docker Clusters, Viktor Farcic brings his latest exploration of the DevOps Toolkit as he takes you on a journey to explore the features of Kubernetes. The DevOps 2.3 Toolkit: Kubernetes is a book in the series that helps you build a full DevOps Toolkit. This book in the series looks at Kubernetes, the tool designed to, among other roles, make it easier in the creation and deployment of highly available and fault-tolerant applications at scale, with zero downtime. Within this book, Viktor will cover a wide range of emerging topics, including what exactly Kubernetes is, how to use both first and third-party add-ons for projects, and how to get the skills to be able to call yourself a “Kubernetes ninja.” Work with Viktor and dive into the creation and exploration of Kubernetes with a series of hands-on guides. Style and approach Readers join Viktor Farcic as he continues his exploration of DevOps and begins to explore the opportunities presented by Kubernetes.

[Freelance Newbie](#) "O'Reilly Media, Inc."

In *Learn Kubernetes in a Month of Lunches* you'll go from "what's a Pod?" to automatically scaling clusters of containers and components in just 22 hands-on lessons, each short enough to fit into a lunch break. Every lesson is task-focused and covers an essential skill on the road to Kubernetes mastery. You'll learn how to smooth container management with Kubernetes, including securing your clusters, and upgrades and rollbacks with zero downtime. No development stack, platform, or background is assumed. Author Elton Stoneman describes all patterns generically, so you can easily apply them to your applications and port them to other projects! about the technology Create apps that perform identically on your laptop, data center, and cloud! Kubernetes provides a consistent method for deploying applications on any platform, making it easy to grow. By efficiently orchestrating Docker containers, Kubernetes simplifies tasks like rolling upgrades, scaling, and self-healing. about the book *Learn Kubernetes in a Month of Lunches* is your guide to getting up and running with Kubernetes. You'll progress from Kubernetes basics to essential skills, learning to model, deploy, and manage applications in production. Exercises demonstrate how Kubernetes works with multiple languages and frameworks. You'll also practice with new apps, legacy code, and serverless functions. what's inside Deploying applications on Kubernetes clusters Understanding the Kubernetes app lifecycle, from packaging to rollbacks Self-healing and scalable apps Using Kubernetes as a platform for new technologies about the reader For readers familiar with Docker and containerization. about the author Elton Stoneman is a Docker Captain, a 11-time Microsoft

MVP, and the author of *Learn Docker in a Month of Lunches*.

[Go in Practice](#) Packt Publishing Ltd

Follow this handbook to build, configure, tune, and secure Apache Cassandra databases. Start with the installation of Cassandra and move on to the creation of a single instance, and then a cluster of Cassandra databases. Cassandra is increasingly a key player in many big data environments, and this book shows you how to use Cassandra with Apache Spark, a popular big data processing framework. Also covered are day-to-day topics of importance such as the backup and recovery of Cassandra databases, using the right compression and compaction strategies, and loading and unloading data. *Expert Apache Cassandra Administration* provides numerous step-by-step examples starting with the basics of a Cassandra database, and going all the way through backup and recovery, performance optimization, and monitoring and securing the data. The book serves as an authoritative and comprehensive guide to the building and management of simple to complex Cassandra databases. The book: Takes you through building a Cassandra database from installation of the software and creation of a single database, through to complex clusters and data centers Provides numerous examples of actual commands in a real-life Cassandra environment that show how to confidently configure, manage, troubleshoot, and tune Cassandra databases Shows how to use the Cassandra configuration properties to build a highly stable, available, and secure Cassandra database that always operates at peak efficiency What You'll Learn Install the Cassandra software and create your first database Understand the Cassandra data model, and the internal architecture of a Cassandra database Create your own Cassandra cluster, step-by-step Run a Cassandra cluster on Docker Work with Apache Spark by connecting to a Cassandra database Deploy Cassandra clusters in your data center, or on Amazon EC2 instances Back up and restore mission-critical Cassandra databases Monitor, troubleshoot, and tune production Cassandra databases, and cut your spending on resources such as memory, servers, and storage Who This Book Is For Database administrators, developers, and architects who are looking for an authoritative and comprehensive single volume for all their Cassandra administration needs. Also for administrators who are tasked with setting up and maintaining highly reliable and high-performing Cassandra databases. An excellent choice for big data administrators, database administrators, architects, and developers who use Cassandra as their key data store, to support high volume online transactions, or as a decentralized, elastic data store.

DevSecOps Apress

Are you ready to jump-start your freelance career? *Freelance Newbie* has you covered! In this book, you'll learn practical, actionable steps you can start using today to get your first client by the end of the week. Featuring all the methods, techniques, tips, tricks, and insights you need to succeed, *Freelance Newbie* was written by a working freelancer whose mission is to help people like you find personal success and financial independence. The material you'll read here has never been featured at a lower price — you simply cannot get this kind of value for less. We go through everything step-by-step with real-world examples so you know exactly what you need to do to become a successful freelancer. In *Freelance Newbie*, you'll learn how to: • Develop a business plan from scratch • Establish a suitable work environment • Configure your own freelance website to generate quality leads • Determine what services to offer (and what to do if you don't know how to do something) • Figure out an appropriate pricing scheme for your services • Find “starter” clients that pave the way for 5-star social proof and full-paying, long-term clients • Draft effective proposals and contracts •

Advertise for free (or very, very cheaply) • Deliver above-average customer service • Efficiently complete client projects — time runs out FAST • And much, much more! This book can also be used as the perfect companion manual to the video course available on Udemy by RealToughCandy.

Navigating the Digital Frontier: Case Studies in Online Learning for Career Advancement Packt Publishing Ltd

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Through four complete sprints, this book takes you through every step needed to build brand new cross-platform web apps with ASP.NET Core, and make them available on the Internet. You won't just master Microsoft's revolutionary open source ASP.NET Core technology: you'll learn how to integrate the immense power of MVC, Docker, Azure Web Apps, Visual Studio and Visual Studio Code, C#, JavaScript, TypeScript, and Entity Framework. Working through the authors' carefully designed sprints, you'll start with a blank canvas, move through software architecture and design, adjusting to user feedback, recovering from mistakes, builds, testing, deployment, maintenance, refactoring, and more. Along the way, you'll learn techniques for delivering state-of-the-art software to users more rapidly and repeatably than ever before.

Azure DevOps Explained BPB Publications

The long-awaited follow-up to the international bestsellers, *Business Model Generation* and *Value Proposition Design* Alex Osterwalder and Yves Pigneur's *Business Model Canvas* changed the way the world creates and plans new business models. It has been used by corporations and startups and consultants around the world and is taught in hundreds of universities. After years of researching how the world's best companies develop, test, and scale new business models, the authors have produced their definitive work. *The Invincible Company* explains what every organization can learn from the business models of the world's most exciting companies. The book explains how companies such as Amazon, IKEA, Airbnb, Microsoft, and Logitech, have been able to create immensely successful businesses and disrupt entire industries. At the core of these successes are not just great products and services, but profitable, innovative business models—and the ability to improve existing business models while consistently launching new ones. *The Invincible Company* presents practical new tools for measuring, managing, and accelerating innovation, and strategies for reducing risk when launching new business models. Serving as a blueprint for your growth strategy, *The Invincible Company* explains how to constantly stay ahead of your competition. In-depth chapters explain how to create new growth engines, change how products and services are created and delivered, extract maximum profit from each type of business model, and much more. New tools—such as the Business Model Portfolio Map, Innovation Metrics, Innovation Strategy Framework, and the Culture Map—enable readers to understand how to design invincible companies. *The Invincible Company*: ● Helps large and small companies build their growth strategy and manage their core simultaneously ● Explains the world's best modern and historic business models ● Provides tools to assess your business model, innovation readiness, and all of your innovation projects Presented in striking 4-color, and packed with practical visuals and tools, *The Invincible Company* is a must-have book for business leaders, entrepreneurs, and innovation professionals.

Continuous Delivery 2.0 Scholars' Press

Gain a practical introduction to DataOps, a new discipline for delivering data science at scale inspired by practices at companies such as Facebook, Uber, LinkedIn, Twitter, and eBay. Organizations need more than the latest AI algorithms, hottest

tools, and best people to turn data into insight-driven action and useful analytical data products. Processes and thinking employed to manage and use data in the 20th century are a bottleneck for working effectively with the variety of data and advanced analytical use cases that organizations have today. This book provides the approach and methods to ensure continuous rapid use of data to create analytical data products and steer decision making. *Practical DataOps* shows you how to optimize the data supply chain from diverse raw data sources to the final data product, whether the goal is a machine learning model or other data-orientated output. The book provides an approach to eliminate wasted effort and improve collaboration between data producers, data consumers, and the rest of the organization through the adoption of lean thinking and agile software development principles. This book helps you to improve the speed and accuracy of analytical application development through data management and DevOps practices that securely expand data access, and rapidly increase the number of reproducible data products through automation, testing, and integration. The book also shows how to collect feedback and monitor performance to manage and continuously improve your processes and output. What You Will Learn Develop a data strategy for your organization to help it reach its long-term goals Recognize and eliminate barriers to delivering data to users at scale Work on the right things for the right stakeholders through agile collaboration Create trust in data via rigorous testing and effective data management Build a culture of learning and continuous improvement through monitoring deployments and measuring outcomes Create cross-functional self-organizing teams focused on goals not reporting lines Build robust, trustworthy, data pipelines in support of AI, machine learning, and other analytical data products Who This Book Is For Data science and advanced analytics experts, CIOs, CDOs (chief data officers), chief analytics officers, business analysts, business team leaders, and IT professionals (data engineers, developers, architects, and DBAs) supporting data teams who want to dramatically increase the value their organization derives from data. The book is ideal for data professionals who want to overcome challenges of long delivery time, poor data quality, high maintenance costs, and scaling difficulties in getting data science output and machine learning into customer-facing production.

Beginning Zend Framework Packt Publishing Ltd

Pro PHP Application Performance will help you understand all the technologies and components which play a role in how well your applications run. When seconds can mean the difference between retaining a user and losing a user, it's important for all of us to have optimization as part of our project roadmap. But what components within your application should you analyze? How should you optimize? And how can you measure how well your application is performing? These are some of the questions that are answered in this book. Along the way you will also learn the "why" of optimizing. You'll discover why you should optimize a specific component, why selecting one function over another is beneficial, and how to find and use the optimization tools available to the open source community. You'll also learn how to deploy caching software as well as web server software. *Pro PHP Application Performance* will also teach you more advanced techniques, such as: • Using Xdebug to profile functions that are not running as efficiently as possible. • Comparing opcode executed by different PHP functions to narrow the search for functions that run efficiently. • Using strace to analyze Apache while your application is served to the user. Once you complete this book you will have a complete sense of where to start optimizing and, most importantly, have the tools which allow you

to continue optimizing in other PHP applications going forward.

Learning Docker "O'Reilly Media, Inc."

Implement real-world DevOps and cloud deployment scenarios using Azure Repos, Azure Pipelines, and other Azure DevOps tools
Key Features
Improve your application development life cycle with Azure DevOps in a step-by-step manner
Apply continuous integration and continuous deployment to reduce application downtime
Work with real-world CI/CD scenarios curated by a team of renowned Microsoft MVPs and MCTs
Book Description
Developing applications for the cloud involves changing development methodologies and procedures. Continuous integration and continuous deployment (CI/CD) processes are a must today, but are often difficult to implement and adopt. Azure DevOps is a Microsoft Azure cloud service that enhances your application development life cycle and enables DevOps capabilities. Starting with a comprehensive product overview, this book helps you to understand Azure DevOps and apply DevOps techniques to your development projects. You'll find out how to adopt DevOps techniques for your development processes by using built-in Azure DevOps tools. Throughout the course of this book, you'll also discover how to manage a project with the help of project management techniques such as Agile and Scrum, and then progress toward development aspects such as source code management, build pipelines, code testing and artifacts, release pipelines, and GitHub integration. As you learn how to implement DevOps practices, this book will also provide you with real-world examples and scenarios of DevOps adoption. By the end of this DevOps book, you will have learned how to adopt and implement Azure DevOps features in your real-world development processes. What you will learn
Get to grips with Azure DevOps
Find out about project management with Azure Boards
Understand source code management with Azure Repos
Build and release pipelines
Run quality tests in build pipelines
Use artifacts and integrate Azure DevOps in the GitHub flow
Discover real-world CI/CD scenarios with Azure DevOps
Who this book is for
This book is for developers, solutions architects, and DevOps engineers interested in getting started with cloud DevOps practices on Azure. Prior understanding of Azure architecture and services is necessary. Some knowledge of DevOps principles and techniques will be useful.

Exam Ref 70-744 Securing Windows Server 2016 No Starch Press

Navigating the Digital Frontier: Case Studies in Online Learning for Career Advancement

Hands-on Azure DevOps Walzone Press

Summary
Go in Practice guides you through 70 real-world techniques in key areas like package management, microservice communication, and more. Following a cookbook-style Problem/Solution/Discussion format, this practical handbook builds on the foundational concepts of the Go language and introduces specific strategies you can use in your day-to-day applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology
Go may be the perfect systems language. Built with simplicity, concurrency, and modern applications in mind, Go provides the core tool set for rapidly building web, cloud, and systems applications. If you know a language like Java or C#, it's easy to get started with Go; the trick is finding the practical dirt-under-the-fingernails techniques that you need to build production-ready code. About the Book
Go in Practice guides you through dozens of real-world techniques in key areas. Following a cookbook-style Problem/Solution/Discussion format, this practical handbook builds on the foundational concepts of the Go language and introduces specific strategies you can use in your day-to-day applications. You'll learn techniques for building web services, using Go in the cloud, testing and debugging, routing, network applications, and much more. After finishing this book, you will be ready to build sophisticated cloud-native Go applications. What's Inside
Dozens of specific, practical Golang techniques
Using Go for devops and cloudops
Writing RESTful web services and microservices
Practical web dev techniques
About the Reader
Written for experienced developers who have already started exploring Go and want to use it effectively in a production setting. About the Authors
Matt Farina is a software architect at Deis. Matt Butcher is a Principal Engineer in the Advanced Technology Group at Hewlett Packard Enterprise. They are both authors, speakers, and regular open source contributors. Table of Contents
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Best Sellers - Books :

- [Little Blue Truck's Springtime: An Easter And Springtime Book For Kids](#)
- [Stone Maidens By Lloyd Devereux Richards](#)
- [Feel-good Productivity: How To Do More Of What Matters To You By Ali Abdaal](#)
- [The Housemaid By Freida Mcfadden](#)
- [The Wager: A Tale Of Shipwreck, Mutiny And Murder By David Grann](#)
- [Reminders Of Him: A Novel By Colleen Hoover](#)
- [The Very Hungry Caterpillar](#)
- [You Will Own Nothing: Your War With A New Financial World Order And How To Fight Back By Carol Roth](#)
- [Outlive: The Science And Art Of Longevity By Peter Attia Md](#)
- [Tucker](#)