

## 5 Cs Of Devops Wordpress

WordPress Plugin Development Cookbook  
 Continuous Delivery with Docker and Jenkins  
 DevOps Handbook (2nd Edition) (Paperback)  
 Data Science and Analytics Strategy  
 The Site Reliability Workbook  
 Building Web Apps with WordPress  
 Apprenticeship Patterns  
 The Phoenix Project  
 Mastering DevOps in Kubernetes  
 Site Reliability Engineering  
 What is DevOps?  
 Introduction to DevOps with Kubernetes  
 ENGINEERING DESIGN PADA SISTEM INFORMASI  
 Humble Inquiry  
 Microsoft Azure Security Center  
 Product-Focused Software Process Improvement  
 Continuous Delivery  
 16th European Conference on Innovation and Entrepreneurship Vol 2  
 The DevOps Handbook  
 Release It!  
 Modern Software Engineering  
 Statistics and Data Science  
 Cycles  
 Managing Kubernetes Resources Using Helm  
 WordPress 5 Cookbook  
 Emerging Trends in the Evolution of Service-Oriented and Enterprise Architectures  
 Cisco CCENT/CCNA ICND1 100-101 Official Cert Guide  
 Bash Cookbook  
 The DevOps Handbook  
 Building Your Next Big Thing with Google Cloud Platform  
 WordPress 5 Complete  
 The DevOps Adoption Playbook  
 Agile Conversations  
 Continuous Architecture in Practice  
 More Fearless Change  
 Test Driven Development for Embedded C  
 Beginning DevOps with Docker  
 Team Topologies  
 Sales Engagement  
 Small Unmanned Aircraft

5 Cs Of Devops Wordpress

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### PATRICK SAGE

**WordPress Plugin Development Cookbook** "O'Reilly Media, Inc."  
 This book presents emerging trends in the evolution of service-oriented and enterprise architectures. New architectures and methods of both business and IT are integrating services to support mobility systems, Internet of Things, Ubiquitous Computing, collaborative and adaptive business processes, Big Data, and Cloud ecosystems. They inspire current and future digital strategies and create new opportunities for the digital transformation of next digital products and services. Services Oriented Architectures (SOA) and Enterprise Architectures (EA) have emerged as a useful framework for developing interoperable, large-scale systems, typically implementing various standards, like Web Services, REST, and Microservices. Managing the adaptation and evolution of such systems presents a great challenge. Service-Oriented Architecture enables flexibility through loose coupling, both between the services themselves and between the IT organizations that manage them. Enterprises evolve continuously by transforming and extending their services, processes and information systems. Enterprise Architectures provide a holistic blueprint to help define the structure and operation of an organization with the goal of determining how an organization can most effectively achieve its objectives. The book proposes several approaches to address the challenges of the service-oriented evolution of digital enterprise and software architectures.  
**Continuous Delivery with Docker and Jenkins** Pearson Education  
 63 New and Updated Patterns for Driving and Sustaining Change  
 "The hard part of change is enlisting the support of other people. Whether a top manager interested in improving your organization's results or a lone developer promoting a better way of working, this book will give you tools and ideas to help accomplish your goal." –George Dinwiddie, independent coach and consultant, iDIA Computing, LLC "Keep the patterns in this book and Fearless Change handy. ... These patterns transformed me from an ineffective 'voice in the wilderness' to a valued collaborator." –Lisa Crispin, co-author (with Janet Gregory) of Agile Testing and More Agile Testing In their classic work, Fearless Change, Mary Lynn Manns and Linda Rising interviewed successful leaders of change, identified 48 patterns for implementing change in teams of all sizes, and demonstrated how to use these techniques effectively. Now, in More Fearless Change the authors reflect on all they've learned about their original patterns in the past decade, and introduce 15 powerful, new techniques—all extensively validated by change leaders worldwide. Manns and Rising teach strategies that appeal to each

individual's logic (head), feelings (heart), and desire to contribute (hands)—the best way to motivate real change and sustain it for the long haul. Learn how to Focus on the best things you can achieve with limited resources Strategize to build flexible plans and go after low-hanging fruit Get help from the right people in the right ways Establish emotional connections that inspire motivation and imagination Create an "elevator pitch" that keeps everyone focused on what truly matters Build bridges, work with skeptics, soften resistance, and open minds Uncover easier paths towards change, and build on what already works Sustain momentum, provide time for reflection, and celebrate small successes More Fearless Change reflects a profound understanding of how real change happens: not instantaneously in response to top-down plans and demands, but iteratively, through small steps that teach from experience. Best of all, as thousands of change agents have already discovered, its patterns are easy to use—and they work.

**DevOps Handbook** (2nd Edition) (Paperback) Packt Publishing Ltd

Learn to create plugins for WordPress 4.x to deliver custom projects or share with the community through detailed step-by-step recipes and code examples About This Book Learn how to change and extend WordPress to perform virtually any task Explore the plugin API through approachable examples and detailed explanations Mold WordPress to your project's needs or transform it to benefit the entire community Who This Book Is For If you are a WordPress user, developer, or a site integrator with basic knowledge of PHP and an interest to create new plugins to address your personal needs, client needs, or share with the community, then this book is for you. What You Will Learn Discover how to register user callbacks with WordPress, forming the basis of plugin creation Explore the creation of administration pages and adding new content management sections through custom post types and custom database tables Improve your plugins by customizing the post and page editors, categories and user profiles, and creating visitor-facing forms Make your pages dynamic using Javascript, AJAX and adding new widgets to the platform Learn how to add support for plugin translation and distribute your work to the WordPress community In Detail WordPress is a popular, powerful, and open Content Management System. Learning how to extend its capabilities allows you to unleash its full potential, whether you're an administrator trying to find the right extension, a developer with a great idea to enhance the platform for the community, or a website developer working to fulfill a client's needs. This book shows readers how to navigate WordPress' vast set of API functions to create high-quality plugins with easy-to-configure administration interfaces. With new recipes and materials updated for the latest versions of

WordPress 4.x, this second edition teaches you how to create plugins of varying complexity ranging from a few lines of code to complex extensions that provide intricate new capabilities. You'll start by using the basic mechanisms provided in WordPress to create plugins and execute custom user code. You will then see how to design administration panels, enhance the post editor with custom fields, store custom data, and modify site behavior based on the value of custom fields. You'll safely incorporate dynamic elements on web pages using scripting languages, and build new widgets that users will be able to add to WordPress sidebars and widget areas. By the end of this book, you will be able to create WordPress plugins to perform any task you can imagine. Style and approach This cookbook will take you through the creation of your first simple plugin to adding entirely new sections and widgets in the administration interface, so you can learn how to change and extend WordPress to perform virtually any task. Each topic is illustrated through realistic examples showing how to solve common problems, followed by detailed explanations of all concepts used

**Data Science and Analytics Strategy** Packt Publishing Ltd

The DevOps Handbook (2nd Edition) (Paperback) —Jeff Sussna, Sussna Associates DevOps (2nd Edition) (Paperback) —Nigel Kersten, Puppet The DevOps Handbook (2nd Edition) (Paperback) —Mike Perrow, TechBeacon The DevOps Handbook (2nd Edition) (Paperback) DevOps (2nd Edition) (Paperback) The DevOps Handbook (2nd Edition) (Paperback) Adidas Target Accelerate Nicole Forsgren #GOTOP

**The Site Reliability Workbook** John Wiley & Sons

Discover high-value Azure security insights, tips, and operational optimizations This book presents comprehensive Azure Security Center techniques for safeguarding cloud and hybrid environments. Leading Microsoft security and cloud experts Yuri Diogenes and Dr. Thomas Shinder show how to apply Azure Security Center's full spectrum of features and capabilities to address protection, detection, and response in key operational scenarios. You'll learn how to secure any Azure workload, and optimize virtually all facets of modern security, from policies and identity to incident response and risk management. Whatever your role in Azure security, you'll learn how to save hours, days, or even weeks by solving problems in most efficient, reliable ways possible. Two of Microsoft's leading cloud security experts show how to: • Assess the impact of cloud and hybrid environments on security, compliance, operations, data protection, and risk

management • Master a new security paradigm for a world without traditional perimeters • Gain visibility and control to secure compute, network, storage, and application workloads • Incorporate Azure Security Center into your security operations center • Integrate Azure Security Center with Azure AD Identity Protection Center and third-party solutions • Adapt Azure Security Center's built-in policies and definitions for your organization • Perform security assessments and implement Azure Security Center recommendations • Use incident response features to detect, investigate, and address threats • Create high-fidelity fusion alerts to focus attention on your most urgent security issues • Implement application whitelisting and just-in-time VM access • Monitor user behavior and access, and investigate compromised or misused credentials • Customize and perform operating system security baseline assessments • Leverage integrated threat intelligence to identify known bad actors

**Building Web Apps with WordPress** Springer Nature

Effective software teams are essential for any organization to deliver value continuously and sustainably. But how do you build the best team organization for your specific goals, culture, and needs? *Team Topologies* is a practical, step-by-step, adaptive model for organizational design and team interaction based on four fundamental team types and three team interaction patterns. It is a model that treats teams as the fundamental means of delivery, where team structures and communication pathways are able to evolve with technological and organizational maturity. In *Team Topologies*, IT consultants Matthew Skelton and Manuel Pais share secrets of successful team patterns and interactions to help readers choose and evolve the right team patterns for their organization, making sure to keep the software healthy and optimize value streams. *Team Topologies* is a major step forward in organizational design for software, presenting a well-defined way for teams to interact and interrelate that helps make the resulting software architecture clearer and more sustainable, turning inter-team problems into valuable signals for the self-steering organization.

#### **Apprenticeship Patterns** Packt Publishing Ltd

Learn how to build, deploy, use, and maintain your applications on Kubernetes **KEY FEATURES** • Learn how to provision Kubernetes clusters using different cloud providers and infrastructure tools. • Explore several advanced options to manage applications in Kubernetes. • Get familiar with the best practices for securing applications and clusters. **DESCRIPTION** DevOps with Kubernetes combines two powerful technologies to bring efficiency and speed to the software development process. Kubernetes has become the de facto standard for container orchestration, while DevOps practices are rapidly becoming essential for organizations to manage their software development and delivery pipelines. By using Kubernetes and DevOps practices together, teams can streamline their deployment processes, reduce errors, and deliver software faster and more reliably. The book starts by addressing the real-time challenges and issues that DevOps practitioners face. The book then helps you become acquainted with the fundamental and advanced Kubernetes features, and develop a comprehensive understanding of the standard CNCF components that accompany Kubernetes. The book then delves deeper into the three leading managed Kubernetes services - GKE, AKS, and EKS. Additionally, the book will help to learn how to implement security measures to protect your Kubernetes deployments. The book further explores a range of monitoring tools and techniques that can be used to quickly identify and resolve issues in Kubernetes clusters. Finally, the book will help you learn how to use the Istio Service Mesh to secure communication between workloads hosted by Kubernetes. With this information, you will be able to deploy, scale, and monitor apps on Kubernetes. **WHAT YOU WILL LEARN** • Learn how to manage stateful containers with Kubernetes. • Get to know more observability and monitoring in Kubernetes. • Package and deploy applications on Kubernetes using Helm. • Learn how to use Scaffold and Flux for CI/CD. • Learn how microservices can be managed and deployed using the Istio service mesh. **WHO THIS BOOK IS FOR** The book is a must-read for DevOps teams using Kubernetes to deploy container workloads. It offers valuable insights into the best practices required to make their application container-agnostic and streamline their workflows. **TABLE OF CONTENTS** 1. DevOps for Kubernetes 2. Container Management with Docker 3. Speeding up with Standard Kubernetes Operations 4. Stateful Workloads in Kubernetes 5. Amazon Elastic Kubernetes Service 6. Azure Kubernetes Service 7. Google Kubernetes Engine 8. Kubernetes Administrator 9. Kubernetes Security 10. Monitoring in Kubernetes 11. Packaging and Deploying in Kubernetes 12. Continuous Development and Continuous Deployment 13. Managing Microservices Using Istio Service Mesh

#### **The Phoenix Project** Cisco Systems

Another day without Test-Driven Development means more time wasted chasing bugs and watching your code deteriorate. You thought TDD was for someone else, but it's not! It's for you, the embedded C programmer. TDD helps you prevent defects and build software with a long useful life. This is the first book to teach the hows and whys of TDD for C programmers. TDD is a modern programming practice C developers need to know. It's a different

way to program---unit tests are written in a tight feedback loop with the production code, assuring your code does what you think. You get valuable feedback every few minutes. You find mistakes before they become bugs. You get early warning of design problems. You get immediate notification of side effect defects. You get to spend more time adding valuable features to your product. James is one of the few experts in applying TDD to embedded C. With his 1.5 decades of training, coaching, and practicing TDD in C, C++, Java, and C# he will lead you from being a novice in TDD to using the techniques that few have mastered. This book is full of code written for embedded C programmers. You don't just see the end product, you see code and tests evolve. James leads you through the thought process and decisions made each step of the way. You'll learn techniques for test-driving code right next to the hardware, and you'll learn design principles and how to apply them to C to keep your code clean and flexible. To run the examples in this book, you will need a C/C++ development environment on your machine, and the GNU GCC tool chain or Microsoft Visual Studio for C++ (some project conversion may be needed).

#### **Mastering DevOps in Kubernetes** "O'Reilly Media, Inc."

Are you doing all you can to further your career as a software developer? With today's rapidly changing and ever-expanding technologies, being successful requires more than technical expertise. To grow professionally, you also need soft skills and effective learning techniques. Honing those skills is what this book is all about. Authors Dave Hoover and Adewale Oshineye have cataloged dozens of behavior patterns to help you perfect essential aspects of your craft. Compiled from years of research, many interviews, and feedback from O'Reilly's online forum, these patterns address difficult situations that programmers, administrators, and DBAs face every day. And it's not just about financial success. Apprenticeship Patterns also approaches software development as a means to personal fulfillment. Discover how this book can help you make the best of both your life and your career. Solutions to some common obstacles that this book explores in-depth include: Burned out at work? "Nurture Your Passion" by finding a pet project to rediscover the joy of problem solving. Feeling overwhelmed by new information? Re-explore familiar territory by building something you've built before, then use "Retreat into Competence" to move forward again. Stuck in your learning? Seek a team of experienced and talented developers with whom you can "Be the Worst" for a while. "Brilliant stuff! Reading this book was like being in a time machine that pulled me back to those key learning moments in my career as a professional software developer and, instead of having to learn best practices the hard way, I had a guru sitting on my shoulder guiding me every step towards master craftsmanship. I'll certainly be recommending this book to clients. I wish I had this book 14 years ago!"-Russ Miles, CEO, OpenCredo **Site Reliability Engineering** Apress

Increase profitability, elevate work culture, and exceed productivity goals through DevOps practices. More than ever, the effective management of technology is critical for business competitiveness. For decades, technology leaders have struggled to balance agility, reliability, and security. The consequences of failure have never been greater—whether it's the healthcare.gov debacle, cardholder data breaches, or missing the boat with Big Data in the cloud. And yet, high performers using DevOps principles, such as Google, Amazon, Facebook, Etsy, and Netflix, are routinely and reliably deploying code into production hundreds, or even thousands, of times per day. Following in the footsteps of The Phoenix Project, The DevOps Handbook shows leaders how to replicate these incredible outcomes, by showing how to integrate Product Management, Development, QA, IT Operations, and Information Security to elevate your company and win in the marketplace.

#### **What is DevOps?** Die Keure Publishing

Become familiar with Kubernetes and explore techniques to manage your containerized workloads and services **Key Features** Learn everything from creating a cluster to monitoring applications in Kubernetes Understand and develop DevOps primitives using Kubernetes Use Kubernetes to solve challenging real-life DevOps problems **Book Description** Kubernetes and DevOps are the two pillars that can keep your business at the top by ensuring high performance of your IT infrastructure. Introduction to DevOps with Kubernetes will help you develop the skills you need to improve your DevOps with the power of Kubernetes. The book begins with an overview of Kubernetes primitives and DevOps concepts. You'll understand how Kubernetes can assist you with overcoming a wide range of real-world operation challenges. You will get to grips with creating and upgrading a cluster, and then learn how to deploy, update, and scale an application on Kubernetes. As you advance through the chapters, you'll be able to monitor an application by setting up a pod failure alert on Prometheus. The book will also guide you in configuring Alertmanager to send alerts to the Slack channel and trace down a problem on the application using kubectl commands. By the end of this book, you'll be able to manage the lifecycle of simple to complex applications on Kubernetes with confidence. What you will learn Create and manage Kubernetes clusters in on-premise systems and cloud Exercise various DevOps

practices using Kubernetes Explore configuration, secret, and storage management, and exercise these on Kubernetes Perform different update techniques and apply them on Kubernetes Use the built-in scaling feature in Kubernetes to scale your applications up and down Use various troubleshooting techniques and have a monitoring system installed on Kubernetes Who this book is for If you are a developer who wants to learn how to apply DevOps patterns using Kubernetes, then this book is for you. Familiarity with Kubernetes will be useful, but not essential. **Introduction to DevOps with Kubernetes** Pragmatic Bookshelf Explore built-in WordPress features and the power of advanced plugins and themes for building modern websites using exciting recipes **Key Features** Build custom features and extend built-in features in WordPress with custom coding and plugins Get to grips with extending WordPress as an application framework Manage non-functional aspects of your website such as security, performance, and maintenance **Book Description** WordPress has been the most popular content management system (CMS) for many years and is now powering over 30% of all websites globally. With the demand for WordPress development and skilled developers ever-increasing, now is the best time to learn WordPress inside out. This book starts with simple recipes for configuring WordPress and managing basic platform features. You'll then move on to explore how to install and customize WordPress plugins, widgets, and themes. The next few chapters cover recipes for content and user-management-related topics such as customizing the content display, working with content types, using the new Gutenberg editor, and customizing editorial workflow for building advanced blogs. As you advance, you'll learn how to use WordPress as an application framework as well as a platform for building e-commerce sites. This WordPress book will also help you optimize your site to maximize visibility on search engines, add interactivity, and build a user community to make the site profitable. Finally, you'll learn how to maintain a WordPress site smoothly while taking precautions against possible security threats. By the end of the book, you'll have the tools and skills required to build and maintain modern WordPress websites with the latest technologies and be able to find quick solutions to common WordPress problems. What you will learn Install and customize WordPress themes and plugins for building websites Develop modern web designs without the need to write any code Explore the new Gutenberg content editor introduced in WordPress 5 (Bebo) Use the existing WordPress plugins to add custom features and monetize your website Improve user interaction and accessibility for your website with simple tricks Discover powerful techniques for maintaining and securing your websites Extend built-in WordPress features for advanced website management Who this book is for This book is for beginners who want to build powerful modern websites with minimum coding knowledge and intermediate web developers who want to extend the basic features of WordPress to cater to advanced modern website technologies. Although prior experience with WordPress is not required, familiarity with basic PHP, HTML, and CSS is necessary to understand the concepts covered.

#### **ENGINEERING DESIGN PADA SISTEM INFORMASI** "O'Reilly Media, Inc."

Winner of the 2011 Jolt Excellence Award! Getting software released to users is often a painful, risky, and time-consuming process. This groundbreaking new book sets out the principles and technical practices that enable rapid, incremental delivery of high quality, valuable new functionality to users. Through automation of the build, deployment, and testing process, and improved collaboration between developers, testers, and operations, delivery teams can get changes released in a matter of hours—sometimes even minutes—no matter what the size of a project or the complexity of its code base. Jez Humble and David Farley begin by presenting the foundations of a rapid, reliable, low-risk delivery process. Next, they introduce the “deployment pipeline,” an automated process for managing all changes, from check-in to release. Finally, they discuss the “ecosystem” needed to support continuous delivery, from infrastructure, data and configuration management to governance. The authors introduce state-of-the-art techniques, including automated infrastructure management and data migration, and the use of virtualization. For each, they review key issues, identify best practices, and demonstrate how to mitigate risks. Coverage includes • Automating all facets of building, integrating, testing, and deploying software • Implementing deployment pipelines at team and organizational levels • Improving collaboration between developers, testers, and operations • Developing features incrementally on large and distributed teams • Implementing an effective configuration management strategy • Automating acceptance testing, from analysis to implementation • Testing capacity and other non-functional requirements • Implementing continuous deployment and zero-downtime releases • Managing infrastructure, data, components and dependencies • Navigating risk management, compliance, and auditing Whether you're a developer, systems administrator, tester, or manager, this book will help your organization move from idea to release faster than ever—so you can deliver value to your business rapidly and reliably.

**Humble Inquiry** Addison-Wesley Professional Building Your Next Big Thing with Google Cloud Platform shows you how to take advantage of the Google Cloud Platform technologies to build all kinds of cloud-hosted software and services for both public and private consumption. Whether you need a simple virtual server to run your legacy application or you need to architect a sophisticated high-traffic web application, Cloud Platform provides all the tools and products required to create innovative applications and a robust infrastructure to manage them. Google is known for the scalability, reliability, and efficiency of its various online products, from Google Search to Gmail. And, the results are impressive. Google Search, for example, returns results literally within fractions of second. How is this possible? Google custom-builds both hardware and software, including servers, switches, networks, data centers, the operating system's stack, application frameworks, applications, and APIs. Have you ever imagined what you could build if you were able to tap the same infrastructure that Google uses to create and manage its products? Now you can! Building Your Next Big Thing with Google Cloud Platform shows you how to take advantage of the Google Cloud Platform technologies to build all kinds of cloud-hosted software and services for both public and private consumption. Whether you need a simple virtual server to run your legacy application or you need to architect a sophisticated high-traffic web application, Cloud Platform provides all the tools and products required to create innovative applications and a robust infrastructure to manage them. Using this book as your compass, you can navigate your way through the Google Cloud Platform and turn your ideas into reality. The authors, both Google Developer Experts in Google Cloud Platform, systematically introduce various Cloud Platform products one at a time and discuss their strengths and scenarios where they are a suitable fit. But rather than a manual-like "tell all" approach, the emphasis is on how to Get Things Done so that you get up to speed with Google Cloud Platform as quickly as possible. You will learn how to use the following technologies, among others: Google Compute Engine Google App Engine Google Container Engine Google App Engine Managed VMs Google Cloud SQL Google Cloud Storage Google Cloud Datastore Google BigQuery Google Cloud Dataflow Google Cloud DNS Google Cloud Pub/Sub Google Cloud Endpoints Google Cloud Deployment Manager Author on Google Cloud Platform Google APIs and Translate API Using real-world examples, the authors first walk you through the basics of cloud computing, cloud terminologies and public cloud services. Then they dive right into Google Cloud Platform and how you can use it to tackle your challenges, build new products, analyze big data, and much more. Whether you're an independent developer, startup, or Fortune 500 company, you have never had easier access to world-class production, product development, and infrastructure tools. Google Cloud Platform is your ticket to leveraging your skills and knowledge into making reliable, scalable, and efficient products—just like how Google builds its own products.

**Microsoft Azure Security Center** John Wiley & Sons This award-winning and bestselling business handbook for digital transformation is now fully updated and expanded with the latest research and new case studies! "[The DevOps Handbook] remains a must-read for any organization seeking to scale up its IT capability and expand DevOps practices across multiple departments or lines of business." —Mike Perrow, TechBeacon For years, The DevOps Handbook has been the definitive guide for taking the successes laid out in the bestselling The Phoenix Project and applying them in any organization. Now, with this fully updated and expanded edition, it's time to take DevOps out of the IT department and apply it across the full business. Technology is now at the core of every company, no matter the business model or product. The theories and practices laid out in The DevOps Handbook are tools to be used by anyone from across the organization to create joy and succeed in the marketplace. The second edition features 15 new case studies, including stories from Adidas, American Airlines, Fannie Mae, Target, and the US Air Force. In addition, renowned researcher and coauthor of Accelerate, Dr. Nicole Forsgren, provides her insights through new and updated material and research. With over 100 pages of new content throughout the book, this expanded edition is a must read for anyone who works with technology. "[The DevOps Handbook is] a practical roadmap to improving IT in any organization. It's also the most valuable book on software development I've read in the past 10 years." —Adam Hawkins, software developer and host of the podcast SmallBatches **Product-Focused Software Process Improvement** BPB Publications Autonomous unmanned air vehicles (UAVs) are critical to current and future military, civil, and commercial operations. Despite their importance, no previous textbook has accessibly introduced UAVs to students in the engineering, computer, and science disciplines—until now. Small Unmanned Aircraft provides a concise but comprehensive description of the key concepts and

technologies underlying the dynamics, control, and guidance of fixed-wing unmanned aircraft, and enables all students with an introductory-level background in controls or robotics to enter this exciting and important area. The authors explore the essential underlying physics and sensors of UAV problems, including low-level autopilot for stability and higher-level autopilot functions of path planning. The textbook leads the student from rigid-body dynamics through aerodynamics, stability augmentation, and state estimation using onboard sensors, to maneuvering through obstacles. To facilitate understanding, the authors have replaced traditional homework assignments with a simulation project using the MATLAB/Simulink environment. Students begin by modeling rigid-body dynamics, then add aerodynamics and sensor models. They develop low-level autopilot code, extended Kalman filters for state estimation, path-following routines, and high-level path-planning algorithms. The final chapter of the book focuses on UAV guidance using machine vision. Designed for advanced undergraduate or graduate students in engineering or the sciences, this book offers a bridge to the aerodynamics and control of UAV flight.

**Continuous Delivery** Springer

\*\*\*Over a half-million sold! And available now, the Wall Street Journal Bestselling sequel The Unicorn Project\*\*\* "Every person involved in a failed IT project should be forced to read this book." —TIM O'REILLY, Founder & CEO of O'Reilly Media "The Phoenix Project is a must read for business and IT executives who are struggling with the growing complexity of IT." —JIM WHITEHURST, President and CEO, Red Hat, Inc. Five years after this sleeper hit took on the world of IT and flipped it on its head, the 5th Anniversary Edition of The Phoenix Project continues to guide IT in the DevOps revolution. In this newly updated and expanded edition of the bestselling The Phoenix Project, co-author Gene Kim includes a new afterword and a deeper delve into the Three Ways as described in The DevOps Handbook. Bill, an IT manager at Parts Unlimited, has been tasked with taking on a project critical to the future of the business, code named Phoenix Project. But the project is massively over budget and behind schedule. The CEO demands Bill must fix the mess in ninety days or else Bill's entire department will be outsourced. With the help of a prospective board member and his mysterious philosophy of The Three Ways, Bill starts to see that IT work has more in common with a manufacturing plant work than he ever imagined. With the clock ticking, Bill must organize work flow streamline interdepartmental communications, and effectively serve the other business functions at Parts Unlimited. In a fast-paced and entertaining style, three luminaries of the DevOps movement deliver a story that anyone who works in IT will recognize. Readers will not only learn how to improve their own IT organizations, they'll never view IT the same way again. "This book is a gripping read that captures brilliantly the dilemmas that face companies which depend on IT, and offers real-world solutions." —JEZ HUMBLE, Co-author of Continuous Delivery, Lean Enterprise, Accelerate, and The DevOps Handbook **16th European Conference on Innovation and Entrepreneurship Vol.2** Packt Publishing Ltd

Unleash the combination of Docker and Jenkins in order to enhance the DevOps workflow About This Book Build reliable and secure applications using Docker containers. Create a complete Continuous Delivery pipeline using Docker, Jenkins, and Ansible. Deliver your applications directly on the Docker Swarm cluster. Create more complex solutions using multi-containers and database migrations. Who This Book Is For This book is intended to provide a full overview of deep learning. From the beginner in deep learning and artificial intelligence to the data scientist who wants to become familiar with Theano and its supporting libraries, or have an extended understanding of deep neural nets. Some basic skills in Python programming and computer science will help, as well as skills in elementary algebra and calculus. What You Will Learn Get to grips with docker fundamentals and how to dockerize an application for the Continuous Delivery process Configure Jenkins and scale it using Docker-based agents Understand the principles and the technical aspects of a successful Continuous Delivery pipeline Create a complete Continuous Delivery process using modern tools: Docker, Jenkins, and Ansible Write acceptance tests using Cucumber and run them in the Docker ecosystem using Jenkins Create multi-container applications using Docker Compose Managing database changes inside the Continuous Delivery process and understand effective frameworks such as Cucumber and Flyweight Build clustering applications with Jenkins using Docker Swarm Publish a built Docker image to a Docker Registry and deploy cycles of Jenkins pipelines using community best practices In Detail The combination of Docker and Jenkins improves your Continuous Delivery pipeline using fewer resources. It also helps you scale up your builds, automate tasks and speed up Jenkins performance with the benefits of Docker containerization. This book will explain

the advantages of combining Jenkins and Docker to improve the continuous integration and delivery process of app development. It will start with setting up a Docker server and configuring Jenkins on it. It will then provide steps to build applications on Docker files and integrate them with Jenkins using continuous delivery processes such as continuous integration, automated acceptance testing, and configuration management. Moving on you will learn how to ensure quick application deployment with Docker containers along with scaling Jenkins using Docker Swarm. Next, you will get to know how to deploy applications using Docker images and testing them with Jenkins. By the end of the book, you will be enhancing the DevOps workflow by integrating the functionalities of Docker and Jenkins. Style and approach The book is aimed at DevOps Engineers, developers and IT Operations who want to enhance the DevOps culture using Docker and Jenkins.

**The DevOps Handbook** IT Revolution

An in-depth and comprehensive take on WordPress, covering everything about the platform such as WordPress posts, pages, themes, plugins, and more. Key Features Get up to date with the latest WordPress 5.0 (Bebo) and all its new features Beginner-friendly layout and advice you can apply from day one with loads of screenshots and examples Enrich your development experience with the new block-based editor Gutenberg Book Description Back in the day, when you wanted to launch a new website, you either had to learn web programming yourself or hire a professional who would take care of the whole process for you. Nowadays, with WordPress, anyone can build an optimized site with the least amount of effort possible and then make it available to the world in no time. Here, in the seventh edition of the book, we are going to show you how to build great looking and functional websites using WordPress. The new version of WordPress – 5.0 – comes with a few important changes, and we tell you all about how to use them effectively. From crafting content pages using the block editor, and customizing the design of your site, through to making sure it's secure, we go through it all. The book starts by introducing WordPress and teaching you how to set it up. You are then shown how to create a blog site, start writing content, and even use plugins and themes to customize the design of the site and add some unique elements to set it apart. If you want to get more in-depth, we also show you how to get started creating your own themes and plugins. Finally, we teach you how to use WordPress for building non-blog websites. By the end of the book, you will be sufficiently skilled to design high-quality websites and will be fully familiar with the ins and outs of WordPress. What you will learn Learn to adapt your plugin with the Gutenberg editor Create content that is optimized for publication on the web Craft great looking pages and posts with the use of block editor Structure your web pages in an accessible and clear way Install and work with plugins and themes Customize the design of your website Upload multimedia content, such as images, audio, and video easily and effectively Develop your own WordPress plugins and themes Use WordPress to build websites that serve purposes other than blogs Who this book is for The ideal target audience for this book would be PHP developers who have some basic knowledge of working with WordPress and who want to get a comprehensive practical understanding of working with WordPress and create production-ready websites with it. **Release It!** IT Revolution Deliver High-Value, Streamlined Enterprise Applications and Systems with DevOps Enterprise IT has unique needs, capabilities, limitations, and challenges. DevOps is perfectly suited to deliver high-value applications and systems with velocity and agility, enabling innovation and speed while never sacrificing quality. But until now, most DevOps instruction has been focused on start-ups and born-on-the-web companies with an entirely different set of requirements. In The DevOps Adoption Playbook, IBM Distinguished Engineer Sanjeev Sharma shows you exactly how to adopt DevOps in the enterprise based on your organization's business goals, current state of IT maturity, and IT technologies and platforms. Derived from his own experience helping companies in a wide variety of industries to successfully adopt DevOps, it outlines how to get your organization on board, meet the challenges, and move into the fast lane. Like a sports playbook, this guide provides "plays" that can be executed for different scenarios and situations within your company. You will learn to create an individual game plan that factors in specifics of your business and get your team working together with a common goal. The DevOps Adoption Playbook shows you how to: Understand the elements and capabilities of DevOps Respond to the challenges of a multi-speed IT environment Identify the business goals that large enterprises can meet with DevOps Implement DevOps in large-scale enterprise IT environments Achieve high-value innovation and optimization with low cost and risk Exceed business goals with higher product release efficiency Apply DevOps across multiple technologies from mainframe, mobile, containers, microservices, to cloud technologies