

Web Development on Netlify: Proven Strategies for Building, Deploying, and Hosting Modern Web Applications /

Eze, Ekene, author

Monografía

Unleash the full potential of the Netlify platform with this essential guide to deploying and scaling web applications Key Features Leverage this one-stop guide to deploy, optimize, and scale frontend web applications like a pro Discover best practices for deploying applications across popular frontend frameworks such as React, Vue, and Svelte Grasp Netlify's core functionalities, including continuous deployment and performance optimization, through real-world examples Purchase of the print or Kindle book includes a free PDF eBook Book Description Written by a former member of Netlify's Developer Experience team, Web Development on Netlify is the ultimate companion for anyone looking to build, deploy, optimize, and scale frontend web applications on the platform. From setting up your account, and configuring settings and options, to deploying and optimizing web applications, this book offers comprehensive guidance through Netlify's extensive capabilities, supported by step-by-step instructions and real-world examples. Focused on best practices and scalability, this invaluable resource is for both beginners and experienced developers, covering essential aspects such as performance optimization, A/B testing, webhooks, continuous deployment, and scaling considerations. Whether you want to get started with Netlify or expand your knowledge of the platform, this book has everything you need to take your web applications to the next level. Ekene's clear and concise style makes it easy to understand even for readers with little to no Netlify experience. By the end of this book, you'll be equipped with the expertise to revolutionize your workflow and take your web projects to new heights with Netlify, adhering to industry best practices every step of the way. What you will learn Explore Netlify's limitless capabilities to see how it provides everything your business needs Start by setting up your Netlify account and configuring settings Discover best practices for optimizing the performance of your web apps on Netlify Leverage Netlify's built-in A/B testing and webhooks capabilities to improve the functionality of your web apps Set up continuous deployment on Netlify and keep your web apps up-to-date automatically Maintain and troubleshoot your web apps on Netlify ensuring their continued success Who this book is for This book is for web developers and engineers who want to deploy and scale their applications efficiently using the Netlify platform. DevOps teams looking to optimize their deployment processes and reduce downtime and maintenance costs will also find this book useful. A basic understanding of web development concepts and Git version control fundamentals is expected

Título: Web Development on Netlify Proven Strategies for Building, Deploying, and Hosting Modern Web

Applications Ekene Eze

Edición: First edition

Editorial: Birmingham, England Packt Publishing Ltd. [2024] 2024

Descripción física: 1 online resource (187 pages)

Nota general: Includes index

Contenido: Cover -- Title Page -- Copyright and Credits -- Dedications -- Contributors -- Table of Contents -- Part 1: Introduction and Setup -- Chapter 1: Getting to Know the Netlify Platform -- What is Netlify? -- How Netlify helps in overcoming the challenges in web development -- Exploring Netlify's feature set -- Netlify use cases --Hosting -- Frontend web development -- Progressive web apps -- Microservices -- Jamstack websites --Documentation sites -- Retail platforms -- Multilingual support -- Setting up a Netlify account -- Connecting to a Git repository -- Configuring a new site -- Automating deployments with webhooks on Netlify -- Summary -- Part 2: Deployment and Optimization -- Chapter 2: Deploying a Web Application - Configuring Settings and Options --Technical requirements -- Preparing your web application for deployment -- Deploying your web application on Netlify -- Netlify drag-and-drop deployment -- Netlify CLI (Netlify Dev) deployment -- Git-based deployment --Choosing a deployment pattern -- Configuring settings and options -- Using custom domains and SSL -- Buying and setting up your custom domain on Netlify -- Adding a custom domain from an external registry to your Netlify account -- Configuring SSL for your custom domain -- Deploying framework-specific applications -- Deploying a React application on Netlify -- Deploying a Vue.js application on Netlify -- Deploying an Angular application on Netlify -- Deploying a Next. is application on Netlify -- Deploying a Svelte app to Netlify -- Summary -- Chapter 3: Optimizing Web Application Performance with Netlify -- Technical requirements -- Optimizing web applications with Netlify -- Understanding Netlify's global CDN -- Integrating Netlify functions into your web apps -- Creating a serverless function -- Edge functions -- Background functions (beta) -- On-demand Builders Scheduled functions (beta) -- Sending weekly newsletters with Netlify scheduled functions -- Updating an analytics database weekly with Netlify scheduled functions -- Summary -- Chapter 4: Understanding the Jamstack Architecture -- Technical requirements -- The composable principle of the Jamstack -- Composability -- Static site generators -- Headless CMSs -- Serverless functions -- Frontend frameworks and libraries -- Jamstack hosting and deployment --Considerations for building a Jamstack site -- Building a Jamstack blog site -- Setting up a new Next.js application -- Setting up a new Sanity project -- Benefits of Jamstack -- Alternative architectures to Jamstack -- Jamstack versus traditional monolithic architectures -- Jamstack's limitations and considerations -- Summary -- Chapter 5: Advanced Concepts - A/B Testing, Webhooks, and Forms -- Technical requirements -- A/B testing -- How to do A /B testing on Netlify -- Visualizing test results -- Forms -- Enabling form detection -- Testing Netlify forms --Protecting Netlify forms against spam -- Setting up form notifications -- Webhooks -- Netlify webhooks support --Creating a webhook on Netlify -- Adding a Netlify webhook to Sanity -- Testing the webhook -- Summary -- Part 3: Scaling and Maintenance -- Chapter 6: Scaling Considerations and Optimizations -- Scaling strategies -- Asset optimizations -- Code splitting -- CDN optimization -- Database optimization -- Best practices for optimizing Netlify sites -- Pull request (PR) review -- Feature flags and rollout strategies -- Automation and monitoring --Continuous improvement -- Caching -- Monitoring and analytics -- Real-world scaling examples on Netlify --Summary -- Chapter 7: Maintenance and Troubleshooting -- Maintaining apps on Netlify -- Custom alerts -- Netlify teams -- Deploy Previews -- Rollbacks -- Branch deploys Password protection on sites -- Troubleshooting errors in production -- Logs -- Audit logs -- Error handling -- Netlify's build plugins -- Cache management -- Build locally --Using the support forum -- Planning for disaster recovery -- Summary -- Closing notes -- Index -- Other Books You May Enjoy

ISBN: 1-80181-575-5

Materia: Web sites- Authoring programs Web site development Computer programming

Enlace a formato físico adicional: 1-80181-583-6

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es