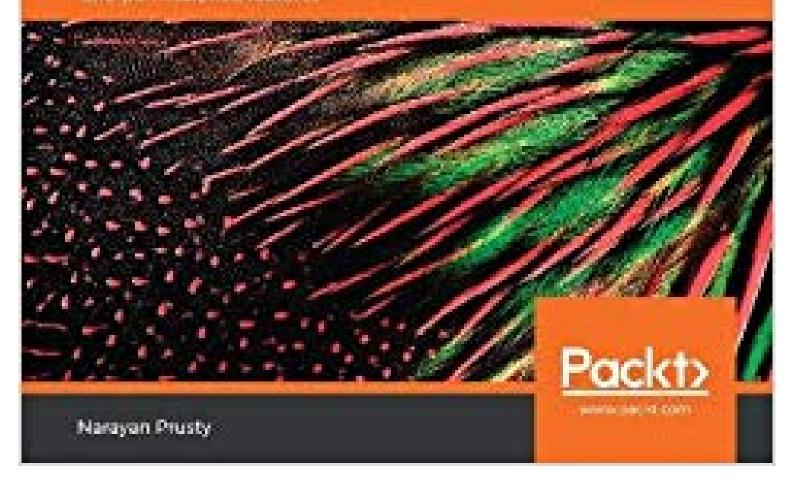
Blockchain for Enterprise

Build scalable blockchain applications with privacy, interoperability, and permissioned features.



Narayan Prusty

Blockchain for Enterprise: Build scalable blockchain applications with privacy, interoperability, and permissioned features



Implement blockchain principles in the selection of domain using Ethereum Essential Features Build permissioned enterprise-quality blockchain applications from scratch Implement Blockchain-as-a-Service to enterprises in terms of deployment and security Achieve privacy in blockchains using proxy re-encryption algorithms Book Explanation The increasing development in blockchain use is enormous, and it is changing just how business is performed. With this book, become familiar with to build end-to-end enterprise-level decentralized applications and level them across your organization to meet up your company's needs. Many leading organizations already are exploring the potential of blockchain. If you would like to level your existing blockchain system across the enterprise, you will see this book useful, as well. This extensive endto-end book covers every blockchain element for business and for developers.js JavaScript library Learn to execute atomic swaps between different networks Build a secured Blockchain-as-a-Support for efficient business procedures Achieve data personal privacy in blockchains using proxy re-encryption Who this reserve is for This book is for innovators, digital transformers, and blockchain developers who wish to build end-toend, decentralized applications using the blockchain technology. Additionally, you will learn to write applications that can help communicate business blockchain solutions.P. Morgan's Quorum to build blockchain-based applications. You will learn how to use J. You will learn how to write smart agreements that run without censorship and third-party interference. Once you have grasped what a blockchain is and have learned all about Quorum, you will leap into building real-world useful blockchain applications for sectors such as for example payment and money transfer, health care, cloud computing, source chain management, and much more. What you would learn Discover ways to create Raft/IBFT Quorum networks Implement Quorum's personal privacy and security features Write, compile, and deploy smart contracts Learn to interact with Quorum using the web3. You will master process flows and incorporate them into your own enterprise. This book can help you understand what DApps are and how the blockchain ecosystem works, via real-world good examples. It adopts a useful method of solving real complications in enterprises using a mixture of theory and practice. Desk of Contents What exactly are Decentralized Applications? Building Blockchain Using Quorum Writing Smart Contracts Getting started with internet3.js Building Interoperable Blockchains Building Quorum as a Service Platform Building a DApp for Digitizing Medical Records Building a Payment Solution for Banks



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