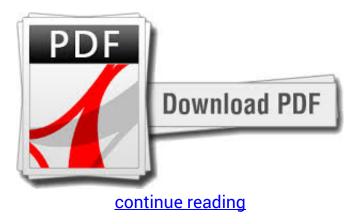Koshik Raj

Foundations of Blockchain

The pathway to cryptocurrencies and decentralized blockchain applications

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Raj, Koshik

Foundations of Blockchain: The pathway to cryptocurrencies and decentralized blockchain applications

Learning the Algorithms and Protocols underlying Blockchain before Undertaking Blockchain ProjectsKey FeaturesExplains all of the networking and cryptography inherent in Blockchain simply by creating simple applicationsTalks about the idea along with the nuts and bolts of blockchain applications and cryptocurrenciesLeads to the frontiers of Blockchain extensions and new software areasBook DescriptionBlockchain and cryptocurrencies like Bitcoin have hogged the headlines for a long period. But after the hype and the amount of money, there can be a lot of technical function to be done, and developers specifically require to understand in some depth what foundations they are actually building their task on.The role of cryptographic algorithms and decentralized computing in BlockchainUnderstanding the Blockchain, transactions and decentralization in cryptocurrencyArchitecting and implementing decentralized Blockchain application with few use casesSecurity, enhancement and optimization of Blockchain applicationDepth comparison of Blockchain application categories and choosing a Blockchain use caseWho This Book Is ForReaders ought to be more comfortable with general security terms, but no knowledge of cryptography or decentralized application is assumed. All these concepts are explained by building simple applications from scratch. Security is always a problem in decentralized software, which is why a devoted chapter will try to address all the visible problems in the blockchain technology space and help build a secure blockchain app.Koshik Raj then compares the Blockchain application categories, which really helps to choose a blockchain use case, followed by a chapter on how to optimize and enhance a Blockchain software. Cryptocurrencies and decentralized applications are extremely popular, but not well understood technically, which is why Koshik Raj can be presenting two of the core chapters of the reserve dedicated to both topics.Finally, Koshik Raj shows us how to branch out into fresh territory, and which rules and observations to take into account when doing all your own Blockchain R&About the AuthorKoshik Raj is a security expert who proved helpful for RSA before joining CoWrks in Bangalore as a Senior Developer.What you would learnCryptography and foundation for Blockchain There is fairly a bit of cryptography which we have to understand, and the overall security in p2p networking demands of Blockchain, just before diving into the first Blockchain project. Although the publication begins with the basic principles, a hands-on python programming, and theoretical networking understanding, would increase the reading procedure.D. He retains a Masters in Computer Science & Information Security and has created several open source projects related to decentralized computing and security.

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