Mastering Blockchain

Deeper insights into decentralization, cryptography, Bitcoin, and popular Blockchain frameworks

By Imran Bashir

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Key FeaturesGet to grips with the fundamental technical concepts and implementations of blockchainBuild effective applications using Ethereum to protected transactions and create intelligent contractsExplore cryptography, mine cryptocurrencies, and solve scalability problems with this comprehensive guideBook DescriptionBlockchain is normally a distributed database that enables permanent, transparent, and protected storage space of data. You will explore different blockchain solutions and obtain an exclusive preview into Hyperledger, the next blockchain alternative from IBM and the Linux Basis. in fact, it is the shared community ledger upon which the complete Bitcoin network relies – Become familiar with about the mechanisms behind cryptocurrencies and how to develop applications using Ethereum, a decentralized virtual machine.Blockchain technology uses cryptography to keep data secure. This reserve gives an overview of the leading technology and its implementation in the real world. Additionally, you will be shown how exactly to implement blockchain beyond currencies, scability with blockchain, and the near future scope of the fascinating and powerful technology. and it's really gaining popularity with individuals who work in financing, authorities, and the arts. The blockchain technology is the backbone of cryptocurrency –This book begins with the technical foundations of blockchain, teaching you the basics of cryptography and how it keeps data secure.WHAT YOU WOULD LearnGet to grips with the theoretical and technical foundations of blockchain technologyFully comprehend the idea of decentralization, its effect and romantic relationship with blockchain technologyExperience how cryptography can be used to secure data with practical examplesGrasp the internal workings of blockchain and relevant mechanisms behind Bitcoin and alternative cryptocurrenciesUnderstand theoretical foundations of smart contractsIdentify and examine applications of blockchain technology beyond currenciesInvestigate alternate blockchain solutions including Hyperledger, Corda, and several moreExplore research topics and long term scope of blockchain technologyTable of ContentsBlockchain 101DecentralizationCryptography & Technical FoundationsBitcoinAlternative CoinsEthereum 101Ethereum DevelopmentHyperledgerAlternative BlockchainsBlockchain - Outside of CurrenciesScalability and Other ChallengesCurrent Landscape & What's Next

plenty of valuable info guy We sent it to said it was great A diappointing survey book Extremely disappointed simply by the publication. Would make an excellent text reserve for a course on the subject. Over 50% of the code has errors and can't be run effectively. there are better books than this After reading a few chapters I began to experience dissapointed and bored about how exactly this book is set up Few books touch therefore many topics mainly because this book. Initial, the book has a significant part describing the terminologies without linkage. So it's such as a dictionary which is normally hard to read in a smooth movement. Second, the program code inside is merely outdated. A boring book full of outdated, non-runnable code I purchased the eBook version a couple of days ago and also have almost finished all chapters. I need to google many sites, groupings, and forums and actually dig into the supply code of the open-sourced projects to make the code operating, very tedious, very frustrated. Far beyond my expectations! A "more than I bargained for" purchase. Written similar to a survey of what's out there rather than comprehensive analyzed insights making it difficult to follow and questions the value of the publication itself. Would dread the homework. Five Stars This book is an excellent and comprehensive introduction to Blockchain. I go through this book and need to get the specialized detail of how issue works, but I feel confusing lots of time. The sample is quite limited, rather than a lot explain in its diagrams. I must execute a few wiki search to observe exactly what it means. In a nutshell, I'm extremely disappointed. After reading a couple of chapters I began to experience dissapointed and bored about how this book is established. It has many mistakes and the code is normally outdated, but that is a issue of many books with no online repository of code. Great reference for self study. This is a large summary of several topics and I really did learn a whole lot. I used it with various other books to study blockchains. I hoped that the Packt delivered better books nowadays but still the quality is not good. there are better books The book touches a lot of topics, but non-e of them is in extremely detail or explained very thoroughly. But is not well written in fact it is like it isn't been reviewed by the publisher. Recommended! Well written book with good examples. 100% recommended!!

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