

Mastering Blockchain

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



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By Imran Bashir

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Essential Features
Get to grips with the fundamental technical principles and implementations of blockchain
Build powerful applications using Ethereum to secure transactions and create smart contracts
Explore cryptography, mine cryptocurrencies, and solve scalability problems with this extensive guide
Book Description
Blockchain is certainly a distributed data source that enables permanent, transparent, and secure storage space of data. You will explore different blockchain solutions and get an exclusive preview into Hyperledger, an upcoming blockchain solution from IBM and the Linux Base.
Blockchain technology uses cryptography to keep data secure. This book begins with the technical foundations of blockchain, teaching you the fundamentals of cryptography and how it keeps data secure. This book gives an overview of the leading technology and its own implementation in real life. Become familiar with about the mechanisms behind cryptocurrencies and how exactly to develop applications using Ethereum, a decentralized virtual machine. The blockchain technology is the backbone of cryptocurrency - in fact, it's the shared public ledger upon which the entire Bitcoin network relies - and it's gaining popularity with people who work in financing, federal government, and the arts. Additionally, you will be shown how to implement blockchain beyond currencies, scalability with blockchain, and the future scope of the fascinating and effective technology.
What You Will Learn
Get to grips with the theoretical and technical foundations of blockchain technology
Fully comprehend the concept of decentralization, its impact and romantic relationship with blockchain technology
Experience how cryptography can be used to secure data with practical examples
Grasp the internal workings of blockchain and relevant mechanisms behind Bitcoin and alternative cryptocurrencies
Understand theoretical foundations of smart contracts
Identify and examine applications of blockchain technology outside of currencies
Investigate alternate blockchain solutions including Hyperledger, Corda, and many more
Explore study topics and upcoming scope of blockchain technology
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plenty of valuable info guy I sent it to said it had been great A disappointing survey book
Extremely disappointed by the book. Created similar to a survey of what is out there instead of comprehensive analyzed insights rendering it difficult to check out and questions the value of the book itself. A boring book filled with outdated, non-runable code I bought the eBook edition a couple of days ago and also have almost finished almost all chapters. In a nutshell, I'm very disappointed. After reading a few chapters I started to feel dissapointed and bored about how this book is set up. So it's just like a dictionary which is hard to read in a smooth stream. Second, the program code inside is merely outdated. Over 50% of the code has errors and can not be run successfully. I must execute a few wiki search to find what it really means. Far beyond my expectations! A "more than I bargained for" purchase. Would make an excellent text book for a course on the subject. Would dread the homework. there are better books The book touches a lot of topics, but none of them is in extremely detail or explained extremely thoroughly. Great reference for self research. there are better books than this After reading a couple of chapters I started to feel dissapointed and bored about how exactly this book is established Not many books touch so many topics mainly because this book. I have to google many sites, groups, and forums and actually dig into the source code of the open-sourced projects to make the code operating, very tedious, very frustrated. The sample is quite limited, and not really a whole lot explain in its own diagrams. First, the reserve has a significant portion describing the terminologies without linkage. This is a large summary of many topics and I must say i did learn a whole lot. But is not really well crafted and it is enjoy it is not been reviewed by the publisher. It offers many errors and the code is certainly outdated, but that is a issue of many books without on the web repository of code. 100% suggested! I hoped that the Packt shipped better books nowadays but nonetheless the quality isn't good. Recommended! I browse this book and need to get the specialized detail of how matter works, but I feel confusing a lot of time. Five Stars This book is a good and comprehensive introduction to Blockchain. Well written book with cases. I used it with various other books to review blockchains.!

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