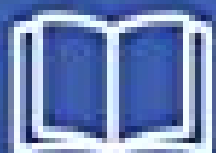


Bellaj Badr

# Blockchain By Example

Decentralized applications using Bitcoin, Ethereum, and Hyperledger



Packt

Bellaj Badr

## Blockchain By Example: Decentralized applications using Bitcoin, Ethereum, and Hyperledger



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Dive into working mechanics of the decentralized blockchain applications to build your own scalable dapps. It explains all the basic concepts required to develop your own intermediate projects. Build your own currency and a payment app using Bitcoin. Build Internet3 Dapps and supply chain system using Hyperledger. Blockchain technology made the backbone of a fresh type of internet based on trust, disintermediation, and decentralization. Through the entire book, we will walk you through an in depth step-by-step approach using solidity to build three blockchain projects with different complexity levels and hurdles. This publication offers you all the relevant concepts linked to cryptocurrencies, smart contracts, and blockchain in order to build your own decentralized applications. Each project will teach you just enough about blockchain to end up being productive right away. Integrate blockchain into your existing systems in your company. We covers major issues that are associated with Blockchain ecosystems such as scalability, integration, distributed document management and even more. By the finish of this reserve, you will not only be able to tackle the normal issues in the blockchain ecosystem but also design and build reliable, scalable distributed systems. Write smart contracts, run your ICO and build tontine decentralized app using Ethereum. Explore Blockchain to understand how to implement distributed document management. Build blockchain projects on Bitcoin, Ethereum, and Hyperledger. Technically, it really is an immutable and tamper-evidence distributed ledger of all transactions across a peer-to-peer network. What you will learn. Grasp the decentralized technology fundamentals to understand blockchain principles. We will cover the different set of projects such as Bitcoin Payment System, Source Chain on Hyperledger, and Tontine Bank Dapp using Ethereum. Who This Publication Is For. If you are keen on learning developing blockchain decentralized applications from scratch, then this book is the thing you need. Key Features. A go-to information which will help you know everything about Blockchain ecosystem and their related terminologies. Practical approach and easy to check out examples to implement intelligent agreements, wallet, consensus protocols and additional principles in your applications. Clear blueprint to create and develop your effective applications using Bitcoin, Ethereum, and Hyperledger. Book Description. The blockchain is a revolution promising a fresh world without middlemen.



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