1. Record Nr. UNINA9910590069203321

Autore	Zhang Weijia
Titolo	Blockchain and ethereum smart contract solution development : Dapp Programming with solidity / / Weijia Zhang and Tej Anand
Pubbl/distr/stampa	[Place of publication not identified] : , : Apress, , [2022] ©2022
ISBN	1-4842-8164-0
Descrizione fisica	1 online resource (464 pages)
Disciplina	005.74
Soggetti	Blockchains (Databases) Cryptocurrencies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1: Context for Blockchain Chapter 1: Business and Economic Motivation for Blockchain Chapter 2: Overview of Core Technologies Supporting Blockchain Chapter 3: Blockchain Components and Architecture Chapter 4: Blockchain Business Application Chapter 5: Blockchain Implementations Overview Bitcoin, Ethereum and Hyperledger Part 2Chapter 6: Ethereum Architecture and Overview Chapter 7: Programming Smart Contract with Solidity Chapter 8: Security Considerations Chapter 9: Layer 2 and Ethereum 2 Chapter 10: Fund a Project: Tokens and Gas Fees Chapter 11: Building Team Projects
Sommario/riassunto	Build decentralized applications with smart contract programming. Following the curriculum from an active blockchain course taught by the author at the McCombs School of Business at the University of Texas, this book fills the gaps for you from learning about basic cryptocurrency uses of blockchain to understanding smart contracts and dapps. You'll first start by understanding the basics of blockchain technology. Take a business point of view to discover general concepts about blockchains and dapps or "decentralized apps" built off of smart contracts. Next, learn about the token economy, how to design tokens, and relevant client technologies, such as web3, metamask, and UI/UX design. Then, install a blockchain node yourself.