Mindluster Platform

About the course Blockchain fundamentals

Course Presenter : Telusko

Blockchain fundamentals, in this course offers a comprehensive introduction to the foundational concepts of blockchain technology. You will explore how blockchain works, starting with its core structureâ€”blocks, chains, hashing, and distributed ledgers. The course explains the principles of decentralization, immutability, and transparency, which make blockchain a revolutionary technology for secure and trusted transactions. Youâ€™ll also learn about consensus mechanisms like Proof of Work and Proof of Stake, and how they help achieve agreement in decentralized networks. Real-world use cases will be covered, including cryptocurrencies, supply chain management, digital identity, and smart contracts. By the end of the course, youâ€™ll understand how blockchain ensures data integrity without relying on centralized authorities and why itâ€™s transforming industries worldwide. This course is ideal for beginners aiming to build a strong foundation in blockchain before diving into development or implementation. Telusko

Computer Science Category's Courses

Course Lesson(23)

Lesson 1 : **What is Web3**

Lesson 2 : **Why Blockchain Prerequisites**

Lesson 3 : **What is Blockchain**

Lesson 4 : **Cryptography Blockchain**

Lesson 5 : **Types of Cryptography Blockchain**

Lesson 6 : **Digital Signature Blockchain**

Lesson 7 : **Nodes in Blockchain**

Lesson 8 : **Hashing in Blockchain**

Lesson 9 : **Merkle Tree Merkle Root Blockchain**

Lesson 10 : **Blockchain Technology Architecture**

Lesson 11 : **Types of Blockchain**

Lesson 12 : **Consensus in Blockchain**

Lesson 13 : **Proof of Work in Blockchain**

Lesson 14 : **What is Ethereum Blockchain**

Lesson 15 : **Smart Contract Ethereum Blockchain**

Lesson 16 : **Drawbacks of Blockchain**

Lesson 17 : **What is Hyperledger**

Lesson 18 : **First Smart Contract part 1 Metamask setup Blockchain Ethereum**

Lesson 19 : **First Smart Contract part 2 Remix Ethereum Blockchain**

Lesson 20 : **First Smart Contract part 3 RinkeBy Ethereum Blockchain**

Lesson 21 : **Smart Contract with Front End Blockchain**

Lesson 22 : **Smart Contract with Web Front End Part 2 Blockchain**

Lesson 23 : **What are NFTs Jack s Tweet sold for 3M**

Related courses

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