

BLOCK CHAIN – 2 DAY COURSE

Day 1

- Introduction to Blockchain, the technology of Blockchain
- Digital signatures
- Data Layer, Network Layer, Consensus Layer
- Bitcoin
- Bitcoin Wallets
- Jaxx Wallet (Hands-On)
- Smart Contracts
- What are a public network and a private consortium?
- Bitcoin Mining
- The race for bitcoin mining and hash race
- Benefits of pooled mining, types of mining pools
- Ethereum
- Decentralized Autonomous Organizations (DAO)
- Identify Cryptocurrency used in Ethereum
- Describe Transactions in Ethereum
- Define Consensus Mechanism in Ethereum
- Define Platform Functions
- Understand Solidity

Day 2

- Understand Creating Smart Contracts on Ethereum Remix Browser (Hands-On)
- Define MetaMask
- Describe Installing Blockchain
- Perform Go lang Installation (Hands-On)
- Explain Creating Blockchain – Genesis Block List
- Genesis.json File Parameters (Hands-On)
- Explain Making rules for our Blockchain
- Perform Mining Blockchain
- Define Hyperledger Blockchain
- Understand Hyperledger Consensus Algorithm
- Hyperledger & Distributed Ledger Technology
- What is hyperledger composer?
- Hyperledger composer playground
- Describe MultiChain Streams
- Speed and scalability of multichain
- Downloading and installing multichain (Hands-On)

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