Monax Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Monax Training by Multisoft Systems is designed for professionals and developers eager to explore the transformative potential of blockchain technology in enterprise applications. Monax, an open-source blockchain and legal engineering platform, enables users to build, manage, and deploy smart contracts efficiently and securely.

Module 1: Introduction to Monax and Blockchain Technology

- ✓ Overview of Monax and its role in blockchain applications
- ✓ Understanding blockchain architecture and distributed ledger technology
- ✓ Key concepts: smart contracts, consensus mechanisms, and cryptography

Module 2: Setting Up the Development Environment

- ✓ Installing and configuring Monax
- ✓ Introduction to the Monax blockchain client
- ✓ Setting up the Linux environment for Monax development

Module 3: Smart Contract Basics

- ✓ Understanding the design and functionality of smart contracts
- ✓ Writing a simple smart contract using Solidity
- ✓ Deploying and testing smart contracts on the Monax platform

Module 4: Building Distributed Applications with Monax

- ✓ Creating a distributed application architecture
- ✓ Connecting a frontend interface to the smart contract backend
- ✓ Using Monax tools to manage and deploy distributed applications

Module 5: Interacting with the Blockchain

- ✓ Accessing blockchain data through APIs
- ✓ Querying and modifying the blockchain state
- ✓ Handling transactions and events within the application

Module 6: Security and Best Practices

- ✓ Identifying common vulnerabilities in smart contracts

✓ Implementing secure coding practices in distributed applications

✓ Testing and auditing smart contracts for security and reliability

Module 7: Advanced Topics in Monax Development

✓ Scaling blockchain applications with Monax

✓ Integrating Monax with third-party tools and services

✓ Exploring new features and updates in the Monax ecosystem