Certified Blockchain Developer

Practical AI concepts, responsible use, and

A practical, student-friendly outline covering certified Blockchain Developer Hyperledger Overview, hyperledger Framework, hyperledger Fabric Blockcha...

MODULES
8

LESSONS
51

FORMAT
Self-paced

Module Breakdown

MODULE 1

Certified Blockchain Developer Hyperledger Overview

1.1 Course Introduction
1.2 Module 1 Introduction
1.3 Audience for the Certification
1.4 What is a CBDH
1.5 Exam Objectives
1.6 Exam Overview

MODULE 2

Hyperledger Framework

2.1 Module 2 Introduction
2.2 Hyperledger Project Overview
2.3 Hyperledger Frameworks
2.4 Hyperledger Fabric
2.5 Hyperledger Fabric Use Cases

MODULE 3

Hyperledger Fabric Blockchain

3.1 Module 3 Introduction
3.2 Hyperledger Fabric Design Overview
3.3 Hyperledger Fabric WhiteboardÃ‚Â
3.4 Hyperledger Fabric Consensus
3.5 Hyperledger Fabric Transactions
3.6 Transactions Whiteboard
3.7 Hyperledger Fabric Ledger
3.8 Ledger Whiteboard
3.9 Hyperledger Fabric Versions
3.10 Hyperledger Fabric Membership Services
3.11 Node Types and Roles
3.12 Nodes and Peers Whiteboard
3.13 Channels
3.14 Channels Whiteboard

MODULE 4

Access Controls and Secure Chaincode

4.1 Module 4 Introduction
4.2 Access Controls Lists (.acl)
4.3 Certificates and Certificate Authority
4.4 Organizations and Participants
4.5 Endorsement Policies
4.6 Rest APIs

Module Breakdown (continued)

MODULE 5

Plan and Prepare Apps for Deployment

5.1 Module 5 Introduction
5.2 Development Whiteboard
5.3 Installation Considerations
5.4 Composer
5.5 Composer Demo

MODULE 6

Hyperledger Fabric Explorer

6.1 Module 6 Introduction
6.2 Hyperledger Fabric Explorer Basics
6.3 Installation Requirements of Hyperledger Explorer

MODULE 7

Chaincode and Development

7.1 Module 7 Introduction
7.2 What is Chaincode
7.3 Writing Chaincode Considerations
7.4 Development Language
7.5 Client App Considerations
7.6 BNA Files
7.7 Service Discovery

MODULE 8

Course Wrap Up

8.1 Module 8 Introduction
8.2 Course Review
8.3 Top 10 Things to know for the exam
8.4 Taking the Exam
8.5 Course Closeout