

Enterprise Blockchain Bootcamp for Solutions Engineers

Modality: On Demand

Duration: 7 Hours

About this Course:

Blockchain Technologies continue to gain widespread popularity and more and more large-scale businesses are beginning to adopt Blockchain practices. The advent of Blockchain brings about incredible career opportunities for professionals having proficiency in Blockchain Technologies. This course is specifically designed to provide candidates with an in-depth overview of Blockchain Technologies and help them realize the true potential of this futuristic innovation.

This beginner-level training program helps tech enthusiasts and IT professionals understand the core features and functionalities of Blockchain Technologies. Familiarity with the core concepts of Blockchain is extremely beneficial for Solution Engineers, System Integrators, and Sales Engineer. The primary objective of this course is to help professionals learn the art of driving greater revenue with the application and adoption of Blockchain Technologies. That's why this course is also extremely useful for Business Executives and IT Managers. On average, a professional Blockchain Engineer earns \$175,000 annually.

Course Objectives:

The core objective of this course is to help professionals gain a better knowledge and understanding of the following key concepts:

- Blockchain Technology Fundamentals and Use Cases
- Getting to Know Ethereum, Ripple, Quorum, Hyperledger, and R3 Corda
- Enterprise Blockchain Contrast and Comparison
- Understanding Blockchain Proof of Concepts and Industries & Verticals
- Blockchain Development and Blockchain As A Service (BaaS)
- Blockchain Certifications, Demand, and Career Opportunities
- Understanding Blockchain Sales and Core Functionalities
- Blockchain Implementation in Business Enterprise
- Blockchain and Financial Engineering

Audience:

This course is specifically tailored for the following group of professionals and interested candidates:

- IT Professionals & Experts
- Solutions Engineers and Architect
- Sales Engineers and Data Analyst
- Business Executives

Prerequisites:

Professionals planning to enroll in the Enterprise Blockchain Bootcamp for Solutions Engineers Course must have foundational knowledge and familiarity with the core concepts of Sales & Networking.

Course Outline:

Introduction

- Introduction to the Course
- Audience Targeted in this Course
- Download Course Slides

Pre Sales & Solutions Engineering and the Blockchain

- Is the Blockchain All or Nothing?
- Enterprise Integration Concerns and Challenges
- Request for Proposals (RFP's)
- RFP Fintech
- Proof of Concepts (POC)
- Return on Investment and Total Cost of Ownership
- Value Creation
- Cost Models
- Cost Considerations

Blockchain Technicals

- Blockchain Basics
- Blockchain and Cryptocurrency Differences
- Blockchain Components
- Enterprise Blockchains
- Blockchain Mining and Consensus
- Ledgers and Blockchain
- Permissioned Vs Permissionless Blockchains
- Trust in the Blockchain
- Trustless Blockchains
- Advantages of Transparency
- Development in Blockchain
- dApps - decentralized Applications
- Blockchain Terminology
- Blockchain Architecture Basics - Scalability
- Blockchain Architecture Basics - Transactions Per Second (TPS)
- Blockchain Basics Review Questions

Enterprise Blockchain Overview

- Comparing Enterprise Blockchains
- Hyperledger
- Ethereum

- Quorum
- R3 Corda
- Ripple
- Blockstream -Sidechains

Blockchain Demos and Resources

- Hashing Demo
- Blockchain Demo - <https://blockchaindemo.io/>
- R3 Corda Demobench
- Hyperledger - IBM Blockchain as a Service (BAaS) Part 1
- Hyperledger - IBM Blockchain as a Service (BAaS) Part 2
- Ethereum Metamask
- Etherscan.io Blockchain Explorer Demo
- Ethereum Nodes Explorer

Use Case Studies

- Use Case Ripple
- Use Case Dubai

Course Closeout and Good Luck

- Blockchain Demand is growing. (Roles in Demand)
- Blockchain Certifications - Certified Blockchain Solutions Architect (CBSA)
- Course Closeout and Good Luck