

## Blockchain Technology Training



Unichrone



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# About Unichrone

We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

We've trained professionals across global companies

**PHILIPS**

**AXCESS**  
FINACIAL PRODUCT MANAGEMENT

**CLARIANT**

**WÜRTH**

مصرف الراجحي  
Al Rajhi Bank



Aker Solutions

**DU PONT**

baycoat

**GlobalSign**

Triskele Labs

ARASCO



أراسكو

**DHL**

**DASHTI**

# Unichrone Training Advantages

- 3-day interactive instructor-led training program
- Expert Trainer with International Expertise
- Copy of courses content provided
- Course Completion Certificate will be provided
- Interactive sessions with case studies
- Blockchain Practice Tests with detailed answers and explanations
- Post Training Consulting Support\*

# Blockchain Certification Advantages



# What is Blockchain

Blockchain training is conducted by the real-time expert with real-time scenarios. The blockchain is nothing but a digital record of all the transactions of the economy without missing of data, misuse, manipulation and forgery and mainly incorruptible. It is a Distributed database With the help of blockchain technology and we can host the transactional data by millions of computers at a time and we can retrieve the data at any time, this data is not available for the hacker to corrupt.



## ELIGIBILITY CRITERIA

Developers with Object Oriented Language experience is required. Should have a fundamental knowledge of Linux and Command Line.  
Having a fundamental knowledge of Linux, NodeJS and JavaScript are beneficial

## WHO SHOULD ATTEND

Students and professionals, anyone Interested in learning new technology can take this Blockchain course. This technology is beneficial for the software developers, professionals in Banking and financial sector.



# Syllabus of Blockchain Technology Training

## Introduction to Blockchain

- What is Blockchain?
- History of Blockchain
- Explaining Distributed Ledger
- Blockchain ecosystem
- Explaining Distributed Ledger

## Types of Blockchain

- Private/Consortium/Permission-less
- Public/Permissioned implementation difference
- What Blockchain has to offer across Industry?
- Companies currently using Blockchain
- Overview of what we are going to study in this course

## Key Concepts of the Blockchain

- Mining -Mining algorithm
- Node, peer and block explanation
- Merkle tree and Blockchain
- Consensus Mechanisms- proof of work , proof of stake
- How Bitcoin Blockchain works?
- What is Transaction?

## Introduction to Ethereum

- Ethereum : Blockchain with smart contract
- What is Ether?
- Bitcoin vs Ethereum Blockchain
- What is Ethereum wallet?
- What is Smart Contract?
- Ethereum clients
- Geth Introduction
- Setting up Private Blockchain using Geth

## Learn Solidity

- Introduction to solidity
- Hands on solidity
- Understand and implement different use cases
- Implement and deploy smart contract on Blockchain

## Learn Solidity

- Setting up the environment
- Tools to install – Truffle , Metamask ,Testrpc
- Implement and deploy your first Dapp
- Different use cases for implementation of Dapp

# Syllabus of Blockchain Technology Training

## Future Scope

- Talk about the future of the Blockchain
- What is Hyperledger?
- What is Hashgraph?
- Discussion on current research on Blockchain
- Understand current industry challenges and needs
- Conclude the course

# Contact Us

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