

Blockchain Application Development Workshop

Length : 1 day
Delivery Method : Instructor-led (classroom)

Course Overview

In this workshop, participants will learn how to build and configure blockchain. Participants will utilize Ethereum Blockchain with Smart Contracts. This workshop will include hands-on for Ethereum Blockchain and Solidity programming language.

Audience Profile

This workshop is designed for existing programmers and developers who wish to develop Blockchain Application on Ethereum Blockchain. It is also suitable for software developers who are looking to move into Blockchain Application Development.

Java Script / JSP/ PHP / JAVA developers with 1 year of minimum experience.

Students with 2 years of computer programming experience.

At Course Completion

Upon successful completion of this course, participants will be able develop their own Blockchain Application on Ethereum network.

After the course, you will be able to:

- Design Blockchain based application
- Build Azure Blockchain network
- Deploy Blockchain based applications to Ethereum Blockchain

Pre-Requisites

It is required to have previous knowledge and experience of any high level computer programming language.

Course Outline

Module 1: An introduction to Blockchain

A brief history of Blockchain
Why it matters?
Existing technologies, terminology and case-studies

Module 2: Business Application

Public blockchain explained
Crypto funding models
Marketplace business models

Module 3: Blockchain on Azure

Create a Blockchain on Azure
Create a wallet
Deploy a smart contract
Invoke the contract from an app

Module 4: Solidity on Visual Studio.

Setting up Solidity on Visual Studio
Solidity language basics
Writing your first Smart contract
Deploy your Local smart contract

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