

Certified Hyperledger Fabric Developer Batch 13

Mode: Offline, Instructor-led

29 Jan 2024 - 09 Feb 2024

Date	Time	Session Topic
29-Jan-2024 (Monday)	10.00 AM - 1:00 PM	Introduction to Hyperledger Fabric, Architecture, Transaction Flow, RAFT consensus
	2.00 PM - 5:00 PM	Setting up the Development Environment, Docker and Docker-compose Overview
30-Jan-2024 (Tuesday)	10.00 AM - 1:00 PM	Golang overview, Go Hands-on
	2.00 PM - 5:00 PM	Introduce the Use Case, Build network for the usecase
31-Jan-2024 (Wednesday)	10.00 AM - 1:00 PM	Introduction to Chaincode, Develop Chaincode in Go, Chaincode Lifecycle
	2.00 PM - 5:00 PM	Upgrading the chaincode, Chaincode Testing
1-Feb-2024 (Thursday)	10.00 AM - 1:00 PM	Private Data Collection
	2.00 PM - 5:00 PM	Rich Queries and Advanced Queries
2-Feb-2024 (Friday)	10.00 AM - 1:00 PM	Complete the chaincode
	2.00 PM - 5:00 PM	Familiarize Test Network
5-Feb-2024 (Monday)	10.00 AM - 1:00 PM	Fabric Network- Generate certificates using cryptogen, Generate certificates using Fabric CA
	2.00 PM - 5:00 PM	Fabric Network- Develop configtx.yaml and docker-compose files for network, Build the network
6-Feb-2024 (Tuesday)	10.00 AM - 1:00 PM	Fabric Network- Install Chaincode, Invoke and Query the chaincode, Update chaincode, Script files
	2.00 PM - 5:00 PM	Fabric network- Adding another peer to an existing Organization, Adding another Organization to existing network
7-Feb-2024 (Wednesday)	10.00 AM - 1:00 PM	Fabric network - Build the network for usecase, Deploy and Invoke chaincode
	2.00 PM - 5:00 PM	Fabric Client SDK, Build Client Application in Go
8-Feb-2024 (Thursday)	10.00 AM - 1:00 PM	Hyperledger Fabric Events and subscription, Implement REST APIs, Postman Integration
	2.00 PM - 5:00 PM	Familiarize Gin web framework, HTML UI Integration
9-Feb-2024 (Friday)	10.00 AM - 1:00 PM	Complete application demo, Integrate Hyperledger Caliper
	2.00 PM - 5:00 PM	General discussion, Project Guidelines

PROJECT SUBMISSION	16-Feb-2024	Last date for submitting pitch deck
	11-Mar-2024	Last date for submitting project