

# Course Overview

# About KBA

- Kerala Blockchain Academy is a center of excellence under the [Digital University Kerala](#) (formerly IIITM-K) for offering blockchain training, research, and consultancy in multiple domains.
- Associate Member and Training Partner - LF Decentralized Trust
- General Partner - R3 Consortium
- Associate Member - InterWork Alliance
- Content Partner – Blockchain Education Network
- Knowledge Partner – IBF NET
- Community Partner - Zilliqa Blockchain

# Instructor-led Training Programs

- [Certified Blockchain Associate \(CBA\)](#)
- [Certified Blockchain Startup Program \(CBS\)](#)
- [Certified Ethereum Developer \(CED\)](#)
- [Certified Hyperledger Fabric Developer \(CHF\)](#)
- [Ethereum Bootcamp](#)
- [Hyperledger Fabric Bootcamp](#)

<https://kba.ai/>

# Self-Paced Courses

- [Blockchain Foundation Program](#) (Free)
- [Ethereum Fundamentals](#) (Free)
- [Hyperledger Fabric Fundamentals](#) (Free)
- [Corda Fundamentals](#) (Free)
- [Ethereum Developer Program](#) (Free)
- [Certified Blockchain Associate Program](#)
- [Certified Hyperledger Fabric Developer Program](#)

<https://learn.kba.ai/>

# Social media handles

- [LinkedIn](#)
- [Twitter](#)
- [Medium](#)
- [Instagram](#)
- [Facebook](#)
- [Telegram](#)
- [YouTube Channel](#)

# Certified Hyperledger Fabric Developer

- Hyperledger Fabric Version 2.5
- Support through Learning Management System (LMS)
- Assessments, Assignments and Project Demo
- Certified Hyperledger Fabric Developer Certificate
- Dates: 25-Nov-2024 to 06-Dec-2024
- Timing : 10.00AM to 6.00PM

# Course Overview

- Introduction to Blockchain
- Pre-requisites
- Hyperledger Fabric Architecture
- Build a Fabric network (Minifab)
- Develop Chaincode
- Build a Hyperledger Fabric network from scratch
- Client application
- Implement REST APIs & UI
- Demonstrate Hyperledger Caliper

# Prerequisites

## DEVELOPER PREREQUISITES

- Basic Blockchain concepts
- Go, JavaScript, HTML, Git

## HARDWARE PREREQUISITES

- Operating System: Ubuntu 22.04
- RAM: 8GB or higher
- Free disk space: 40 GB
- High-speed internet connectivity

Note: Support not provided for Windows/Mac OS systems



# Evaluation Criteria

- Assessments (daily from 5.30pm to 5.45pm)
  - Google form
- Assignments
  - Github classroom
- Final Project
  - Github classroom
- Project Evaluation based on presentation and viva
  - Zoom

# Project Guidelines

- Project has to be done individually
- Topics can be identified during the course period itself
- Submit the project through GitHub Classroom
- Last date for submitting project: 16-Dec-2024, 11.00am
- Online project evaluation (18-Dec-2024/19-Dec-2024 )

# Course Materials and Support

- Learning Management System (LMS)
- [https://elearning.kba.ai/courses/course-v1:KBA+CHF\\_GO+2023\\_Q3/course/](https://elearning.kba.ai/courses/course-v1:KBA+CHF_GO+2023_Q3/course/)
- Content access is provided for 3 months
- Code snippets will be shared using [github](#) (Create an account in github)
- For queries, send email to [kba.admin@duk.ac.in](mailto:kba.admin@duk.ac.in)

# THANK YOU