

HORIZON AFRICA ACADEMY



2019

# Blockchain Series Course



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START YOUR BLOCKCHAIN JOURNEY

# Blockchain Series

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The Blockchain series will explore the central ideas, technologies, and ecosystems surrounding the Blockchain technology from both, a technical and non-technical perspective. Understand the key strengths and weaknesses of the Blockchain technology and the mechanism for their functioning. You will also get to explore the architecture of a blockchain application along with scalability considerations of decentralized apps. By the end of our journey, you will be able to formulate your own informed models, hypotheses and use cases.

The Blockchain Series course aims to cohesively integrate relevant information on blockchain for the attention of professionals, developers, students and anyone interested in understanding the technology .

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The Blockchain Series Course is divided into 3 parts:

1. Blockchain Fundamentals
2. Blockchain Intermediate
3. Blockchain Advanced

# Course Curriculum

The program will provide participants with advanced knowledge on blockchain by dividing the course in 3 stages: Fundamentals, Intermediate and Expert.



## FUNDAMENTALS

- What is a Blockchain
- Role of a Cryptocurrency
- What are Smart Contracts
- Types of Blockchains
- Decentralization and Consensus Algorithms
- Use Cases

## INTERMEDIATE

- Wallets
- Security in Blockchains
- How does Mining work
- Decentralized Apps
- Blockchain and FinTech
- Programming Languages in Blockchains

## EXPERT

- Tools for Blockchains
- Architecture of a Decentralized App
- Security in Smart Contracts
- Best practices for Smart Contracts
- Bitcoin - programmable money (use cases and examples)
- Ethereum - programmable blockchain (use cases and examples)

# Program Details

## **DURATION:**

Fundamentals: 1 Day  
Intermediate: 1 Day  
Advanced: 1 Day

## **FEES:**

Fundamentals only  
Rs 10,000 + VAT

Intermediate only  
Rs 10,000 + VAT

Advanced only  
Rs 10,000 + VAT

Fundamentals, Intermediate & Advanced  
(Full Course)  
Rs 25,000 + VAT



## **Audience**

Developers, professionals, entrepreneurs &  
Business leaders or anyone interested in  
understanding the blockchain segment.

## **Commitment**

100% onsite participation.

## **Other**

MQA approval pending.

## **Contact**

Benito Elisa - Mobile: 5259 0774



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# Our Experience

This course is brought to you by practitioners in the Blockchain ecosystem, who have been involved in different blockchain projects and who work with the technology everyday.

## TUTOR

Suyash Sumaroo

Founder - Codevigor, Horizon Africa Blockchain

Suyash Sumaroo has been at the forefront of the Blockchain revolution for the last 3 years, specializing in the analysis, development and deployment of blockchain solutions ranging from ICOs to decentralized blockchain-based marketplaces. Suyash is considered to be a pioneer in Blockchain technology in Mauritius and has been among the first entrepreneurs to launch a commercial blockchain solution in the African continent.

Suyash has over 10 years experience in the software development sector. Being a full-stack developer, he launched Codevigor and helped develop and launch various cloud-based services based on SaaS model.

Suyash is the co-founder of Horizon Africa, which is a full-fledged blockchain created for the Mauritian and African market to cater for blockchain use cases in various sectors. Suyash is also currently the Technology Lead in CryptoFish, a platform facilitating the purchase of Cryptocurrencies worldwide and is accepted in over 185 countries. His involvement in this segment does not stop here, Suyash is also the co-founder of Aqualibrium, which is a project aimed at optimizing the supply of water with the use of tokenization.

Support Team for Blockchain Series Course:

Benito Elisa (Blockchain Advocate)

Akash Balluck (co-Founder - Horizon Africa Blockchain)

Asha Moodoo (Lead Developer - Codevigor)





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