

BLOCKCHAIN IN THE ENTERPRISE

*The complete workshop to learn and implement
Blockchain in enterprise use cases*

Learn Blockchain technology in depth and how it is changing the world around us. In this 2-day workshop, you will learn about Blockchain and the problems it solves. You will explore smart contract development and how it simplifies processes, brings transparency and solves the problems of trust that exist today. You will explore multiple use case of Blockchain across industry verticals using hands-on demos and interaction with smart contracts. You will walk through the decision-making process on choosing a Blockchain platform for specific enterprise use cases, and understand the advantages and disadvantages of using Blockchain compared to traditional technology. Finally, you will learn the step by step process of choosing a Blockchain platform and implement it for different use cases in your business.

AUDIENCE

This workshop is designed for CXO's, VPs / Senior Management, Middle Management, Technical Architects and other parties who are interested in truly understanding Blockchain and its impact in the enterprise.

TEACHING METHODOLOGY

The workshop is conducted using presentations, discussions, videos, demos and hands-on labs. It is highly recommended that each participant carry a laptop with Wifi dongle (or phone hotspot) to make the best use of the workshop.

DURATION

2 days

PARTICIPANTS EQUIPMENT AND SOFTWARE

1. Laptop with Windows OR MacOS
2. Internet Connectivity
3. Chrome Browser

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BLOCKCHAIN AND DISTRIBUTED LEDGER TECHNOLOGY

What is a distributed ledger

What problem are we trying to solve

Hands On Blockchain Demo (We feel this is the best demo to understand how Blockchain works)

Consensus Models

Types of Consensus Models

Why do we need different consensus models

Types of Blockchain Platforms

INTERACTING WITH BLOCKCHAIN

Wallets

Hands On Demo: Creating a wallet

Hands On Demo: Transacting with your wallet

SMART CONTRACTS

What is a smart contract

Why and when do we need smart contracts

Smart contract use cases in the enterprise

How do smart contracts work, exactly?

Hands On Demo: Designing and implementing a simple smart contract

Hands On Demo: Interacting with a smart contract

Hands On Demo: Implementing a user interface to interact with smart contracts

SMART ASSETS

What are smart assets

How do smart assets work

Hands On Demo: Creating a smart asset

Hands On Demo: Using a smart asset

GOOD TO KNOW

Blockchain vs Traditional Storage

Advantages of Blockchain

Disadvantages of Blockchain

Future of Blockchain - where is it headed?

DEMOS

For each demo, we will explore the scenario, why Blockchain is used and what is the expected outcome of implementing Blockchain

Demo: Blockchain in Banking

Demo: Blockchain for Supply Chain

Demo: Blockchain for Escrow

Demo: Blockchain for Governments - Voting

Demo: Blockchain for Governments - Land Records

Demo: Blockchain for Insurance

Demo: Secure Transactions with Multiple Approvals

Demo: Secure Identity Verification

Demo: Blockchain in E-Commerce

Demo: Blockchain in Retail and FMCG

Demo: Leveraging Blockchain with AI & IoT

Demo: Testing Blockchain Applications

ADOPTING BLOCKCHAIN IN YOUR ORGANISATION

When Do You Need a Blockchain?

Common Challenges and Solutions

Comparison of Different Blockchain Platforms for Enterprise Use Cases

Choosing a Blockchain Platform for Your Use Case

Integrating Blockchain With Enterprise Applications

Enabling Your Business Analysts to Leverage Blockchain

Enabling Your Technical Architects to Design Blockchain Applications

Enabling Your Development Team to Build Blockchain Applications

NEXT STEPS

Now that we understand Blockchain, we will look at some of the resources that will help us in learning more about Blockchain as well as help us to get started with a Blockchain project.

QUESTION AND ANSWERS

CLOSING NOTES