BLOCKCHAIN COURSE SYLLABUS

WWW.SLAINSTITUTE.COM | +91 88707 67784

SLA Institute: No:10, PT Rajan Salai, KK Nagar, Chennai: 600078
Website: www.slainstitute.com | www.softlogicsys.in | www.slajobs.com
Mob: +91 88707 67784 **|** +91 8608 700340 **|** +91 8681 884318

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SLA is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program.

We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose SLA. With SLA, your IT dream will definitely come into reality.

Please go through the long list of our student reviews / offer letters @ www.joinsla.com to get to know more about us.

Introduction & Overview

- ❖ What is Blockchain?
- ❖ Why Blockchain is better than traditional technologies?

BaaS

- ❖ Blockchain-as-a-Service
- ❖ Why Blockchain-as-a-Service from Azure.?
- ❖ Azure Blockchain Solutions

Ethereum

- ❖ Intro – What is Ethereum?
- ❖ Intro – What is Smart Contract?
- ❖ Intro – What is Solidity & Ethereum Virtual Machine?
- ❖ Intro – How do smart contracts work?
- ❖ ICO – What is Initial Coin Offering?
- ❖ ICO – How it works?
- ❖ DAO – What is DAO?
- ❖ DAO – Structure & How it works
- ❖ DAO – Security of DAO

- ❖ BaaS – Setting up Nodes Part – 1
- ❖ BaaS – Setting up Nodes Part – 2
- ❖ BaaS – Testing Wallet Transfer
- ❖ Solidity – Setting up Environment – REDOOO
- ❖ Solidity – Basics of Solidity by Example – REDOOO
- ❖ Solidity – Layout of the Solidity Smart Contracts
- ❖ Cryptocurrency – Minimul Viable Contract
- ❖ Cryptocurrency – Executing Minimal Viable Token
- ❖ Cryptocurrency – Adding Parameters to Cryptocurrency
- ❖ Cryptocurrency – Adding Balance Checks before Transfer
- ❖ Cryptocurrency – Adding Transfer Event for Logging
- ❖ Cryptocurrency – Adding transfer on behalf of Feature
- ❖ Cryptocurrency – Executing TCoin Stage 2
- ❖ Cryptocurrency – Improving Cryptocurrency-Adding Admin
- ❖ Cryptocurrency – Allowing Admin to Mint New Coins
- ❖ Cryptocurrency – Allowing Admins to Freeze or Unfreeze the Tokens
- ❖ Cryptocurrency – Adding Automatic Buy & Sell Feature
- ❖ Cryptocurrency – Adding Auto Refill Feature
- ❖ Cryptocurrency – Adding Proof of Work & Block Reward
- ❖ Cryptocurrency – Testing Full & Final Cryptocurrency

Multichain

- ❖ Multichain – What is Multichain?
- ❖ Multichain – Compatibility & Differences with Bitcoin Core
- ❖ Multichain – How to create a Blockchain?
- ❖ Multichain – How to connect to a Blockchain?
- ❖ Multichain – Commands in Interactive Mode
- ❖ Multichain – Using Native Assets & Transaction Metadata
- ❖ Multichain – Working with Multichain Streams
- ❖ Multichain – Round-robin Mining-How to Enable Mining?
- ❖ Multichain – Multichain Explorer
- ❖ Multichain – Multichain Web Demo
- ❖ PoE – Our App's Architecture
- ❖ PoE – Setting up the Environment
- ❖ PoE – Setting up Blockchain (Multichain) Nodes
- ❖ PoE – Creating Web API for Publishing & Verifying Data to & from Blockchain – 1
- ❖ PoE – Creating Web API for Publishing & Verifying Data to & from Blockchain – 2

❖ PoE – Publishing Proof-of-Existence through Web Interface

❖ PoE – Checking PoE in using Multichain

❖ PoE – Verifying Published PoE through Web Interface

Hyperledger Fabric

❖ What is Hyperledger?

❖ What is Hyperledger Fabric?

❖ Comparison between Fabric & Other Technologies

❖ Fabric Architecture

❖ Components of Hyperledger Fabric

❖ Advantages of Hyperledger Fabric Blockchain

❖ How Hyperledger Fabric Works?

❖ Bluemix – Launching Fabric Blockchain Bluemix

❖ Bluemix – Understanding Interface

❖ Bluemmix – Interacting with Fabric Blockchain

Are you happy with our course curriculum? Then why you delay? Take your mobile phone and ring us quickly on +91 88707 67784.