BlockChain

Digital Lync

EDUCATION - INNOVATION - INCUBATION

01

Welcome To

Digital Lync

Digital Lync empowers technology seekers by providing world class infrastructure, best quality project based technology education, Research and Development of great products and supports enthusiastic new entrepreneurs.

Our Process

Career Guidance

Expert counsellor advises to match your skills with trending technologies in the industry.

Choose Course

You pick and we guide. We mentor you all along and help you throughout your learning process.

Placement Assistance

We are a link to your awesome future! We recognize, enhance and present your skills to the coolest companies.

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BlockChain

To be a pioneer in the digital world, one has to learn trust worthy technology for storing data in a digital way. Blockchain is a latest innovation in the sphere of digital technology. Tasks in Blockchain are performed as Transactions for which Cryptocurrencies are used.

DURATION: 40+ HOURS

WHAT YOU NEED TO KNOW

- Programming knowledge
- Data structures
- NodeJS will be an added advantage

CAREER OPPORTUNITIES

- Blockchain Developer
- Blockchain Engineer

Why BlockChain

Blockchain is a network. It is a technology that enables moving digital coins or assets from one individual to another individual. It is recommended to create a common language across business and technology. It is a decentralized and distributed network. By allowing digital information to be distributed but not copied, Blockchain technology created the backbone of a new type of internet.

Blockchain, is a continuously growing list of records, called Blocks, which are linked and secured using cryptography. Each Block typically contains a cryptographic hash of the previous block.

02

BlockChain Curriculum

MODULE 1: INTRODUCTION

- What is a Blockchain
- What are Bitcoins and Ledgers
- Mining and Miners
- Centralised vs Decentralised vs Distributed databases
- Transaction flow
- What are Merkle trees
- Hashing, Dual-Key Encryption and digital signatures

MODULE 2: TYPES OF BLOCKCHAIN

- Public Blockchains and examples
- Private Blockchains and examples
- Consortium Blockchains and examples

MODULE 3: PUBLIC BLOCKCHAIN

- Flow in Blockchain information (Account creations, terms in Blockchain)
- API's for Public Blockchains and introducing Blocktrail API
- Live demo of project that uses Blockchain API
- Project that performs transactions, Creation of Blockchain addresses, Send and Receive functionality, QR code generations

MODULE 4: PRIVATE BLOCKCHAIN

- What are Private Blockchains and examples
- What is Ethereum
- Ethereum Virtual Machine
- What are DApps and examples
- Introduction to Solidity, Solidity IDE, Mist Browser, What are Smart contracts and Examples in solidity
- Creation of chain data and private accounts in Ethereum
- Project related to Ethereum that creates smart contracts one DApp

MODULE 5:
PROOF OF EXISTENCE

- Concept of Proof of Existence and examples
- Project related to Proof of Existence that has Bitcore, Blocktrail, Blockchain API's for creating permanent storing data in Blockchains

MODULE 6: DAO/DAC

MODULE 7:
WEB 3 FRAMEWORK

MODULE 8:
MISCELLANEOUS

- What are Consortium Blockchains
- Introduction to Hyperledger and Multichain
- What are Hybrid Blockchains

03

BlockChain

Project: 1

CREATION OF BLOCKCHAIN WALLET

This application enables creation of wallet based on Blockchain technology that can store Cryptocurrency using APIs. It enables transactions between wallets using Cryptocurrency.

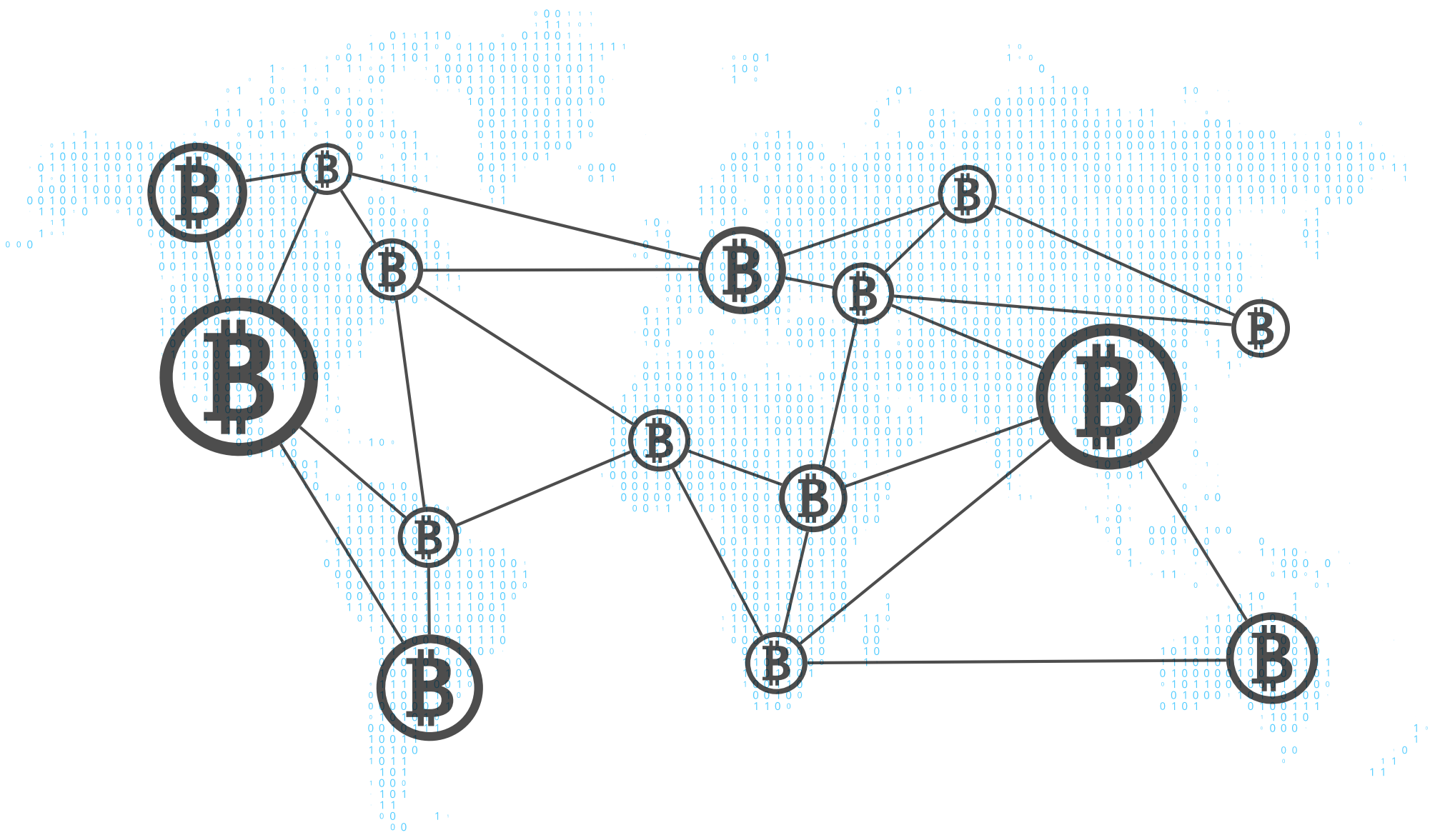
Topics Covered in Project 1

- Concepts of Bitcoin and Mining
- Transactions flow and Merkle Trees
- Hashing and Digital Signatures
- De-centralised and Distributed Networks

Project: 2

VOTING APPLICATION IN PRIVATE BLOCKCHAIN

This application enables the creation of voting application based on Private Blockchain. This application can track the number of votes polled for each contestant in an election.This application can Change, Add and Delete the candidates.



04

Why Digital Lync

The Best Trainers

Our developers are our trainers! our trainers spend half of their time on products at our innovation center.

Online Classes

Our online experience is as good as in - class experience. Our programs offer end to end personal interaction with students.

We are Committed

We consider your success to be ours. Your achievement is our commitment. We teach until you learn.

Really Affordable

We believe in a collaborative, cool and learn friendly environment. Our promise, is to provide all this for no additional charge.

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Trending Technologies

- Python
- Devops
- AWS
- Azure (Cloud Computing)
- Data Sciences
- Deep Learning
- Artificial Intelligence
- Data Analysis
- Big Data
- FullStack
- Digital Marketing
- Mobile Development
- Blockchain
- Visual Design
- Game Development
- IOT
- Cyber Security

BRANCHES

Gachibowli

Khajaguda, Naga Hills Rd,
Madhura Nagar Colony,
Gachibowli, Hyderabad.

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Kukatpally

Manjeera Trinity Corporate,
1st floor, office no. 106 & 107,
Kukatpally, Hyderabad.

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SR Nagar

31/A , Chitti Classics, Adjacent to
SR Nagar Police Station Signal,
Balkampet Main Road,Hyderabad.

9704661616 / 7093861616

Dilsukhnagar

Near Telephone Colony Arch,
Yashoda Speciality Clinic
Building 3rd floor,
Kothapet, Hyderabad.

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Guntur

Emgee House,
Chandramouli Nagar,
Guntur, Andhra Pradesh.

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