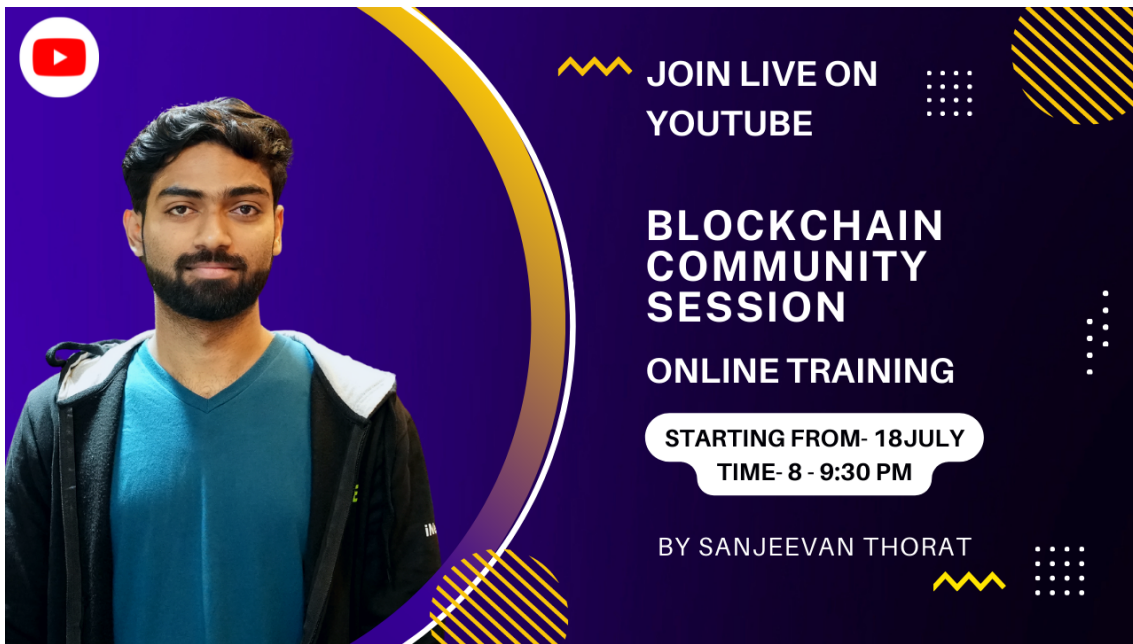


Welcome to ineuron.ai



## Blockchain Foundations

### Description:

Presenting the blockchain community session where students will learn the fundamentals of Blockchain Technology along with Solidity programming fundamentals with hands-on practical problems. Learners will learn to build their own cryptocurrency after completion of this community session

### Start Date:

### Doubt Clear Time:

### Course Time:

### Features:

- # Course material
- # Course resources
- # On demand recorded videos
- # Practical exercises

# Quizzes

# Assignments

# Course completion certificate

### **What we learn:**

# Introduction to blockchain

# Ethereum and Solidity

# Solidity

# Create your Cryptocurrency Project

### **Requirements:**

# System with Internet Connection

# Interest to learn

# Dedication

### **Instructor:**

#### **Name:**

Sanjeevan Thorat

#### **Description:**

Data Scientist and Blockchain developer, with experience in developing and managing end to end solutions. I have hands-on experience in Python Programming Language, Machine Learning Deep Learning and Natural language processing. Blockchain development experience in smart contracts, Decentralised Finance applications, DAOs, NFTs and Oracles running on Ethereum and Polygon blockchains. I have worked with various clients for different industry projects

in the blockchain space. I specialize in building smart contracts on the Ethereum blockchain along with JavaScript integration for enhancing user experience to generate maximum returns on investment.

## **>Introduction to blockchain:**

- >>What is Blockchain

- >>History of Blockchain

- >>Bitcoin Blockchain in depth

## **>Ethereum and Solidity:**

- >>History Ethereum Blockchain

- >>Ethereum Blockchain in depth

- >>Creating a blockchain from scratch in Javascript

## **>Solidity:**

- >>What is Solidity

- >>Solidity basics

- >>Smart contract fundamentals

- >>Payable functions

- >>Fallback functions

- >>View functions

- >>Pure functions

- >>Function overloading

>>Function overriding

>>Solidity Events

>>Block and Transaction details

>>Solidity Inheritance

>>Single Inheritance

>>Multiple Inheritance

>>Heirarchical Inheritance

>>Multilevel Inheritance

>>Abstract Contracts

>>Solidity Interfaces

>>Solidity Libraries

**>Project:**

>>Creating a cryptocurrency with ICO in Solidity from scratch