

Welcome to

BLOCKCHAIN DEVELOPMENT BOOTCAMP

Blockchain Weekend

DEEPAKHARSHAN

Blockchain Instructor

BOOTCAMP MODULES

1 Understanding the Basics of Blockchain

- ✓ What is Blockchain
- ✓ Structure of Blockchain
- ✓ How it will work (demo)
- ✓ Blocks
- ✓ Nodes
- ✓ Chains, Network
- ✓ Wallet
- ✓ Distributed ledger
- ✓ Tokens, Coins
- ✓ Hash Functions
- ✓ Symmetric key cryptography
- ✓ Public-key cryptography
- ✓ Digital Signature
- ✓ Benefits and challenges of decentralized systems

2 Overview of Ethereum Blockchain platform

- ✓ What is Ethereum
- ✓ How it will work
- ✓ Advantage and Disadvantage

3 Understanding the concept and importance of Smartcontracts

- ✓ What is Smartcontract
- ✓ How it will work
- ✓ Advantage and Disadvantage

4 Learning Solidity programming language for Smartcontract development

- ✓ Introduction to Solidity
- ✓ Datatypes
- ✓ Variables
- ✓ Visibility
- ✓ Functions
- ✓ Constructor
- ✓ IF/ELSE

- ✓ For, While and do-While loop
- ✓ Arrays
- ✓ Mappings
- ✓ Structs
- ✓ Enums
- ✓ Event
- ✓ Fallback
- ✓ Receive
- ✓ Require
- ✓ Revert
- ✓ Assert
- ✓ Custom Error
- ✓ Try/Catch
- ✓ Function Modifier
- ✓ Transfer
- ✓ Send
- ✓ Call
- ✓ Inheritance
- ✓ Abstracts
- ✓ Interface

 Library

5 Project-1

 Cryptocurrency

6 Interacting with Smartcontracts

 Ethersjs

7 Exploring development framework.

 Hardhat

8 Project-2

 Voting DAPP

9 Project-3

 CrowdFunding DAPP

10 Career Guidance from expert

Benefits

- ★ Career Guidance
- ★ Course Materials
- ★ Completion Certificate

Requirements

- ★ HTML-5, CSS, and JS
- ★ Laptop
- ★ Interest

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*Thank
you!*