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Full Stack Blockchain Development Tech Neuron

Description:

Full Stack Blockchain Development course is a live mentor-led certification program with by iNeuron. In this course you will learn the entire stack required to work in Permissionless Blockchain development. This course focuses on latest Blockchain industry standards like Ethereum Blockchain, Solidity, Decentralized Autonomous Organisations, Decentralized Finance, Non Fungible Tokens, Polygon Network, Polkadot Blockchain, Oracles along with complete development stack in Javascript and many more Blockchain concepts.

Start Date:

Doubt Clear Time:

08:00 PM to 10:00 PM (IST) Thursday

Course Time:

Features:

Course material

- # Course resources
- # On demand recorded videos
- # Practical exercises
- # Quizzes
- # Assignments
- # Course completion certificate

What we learn:

- # Web 1.0 vs Web 2.0 vs Web 3.0
- # What is Blockchain technology?
- # Bitcoin Blockchain
- # Ethereum Blockchain
- # Solidity
- # Oracles
- # DAO
- # DeFi
- # NFT
- # Layer 2 Blockchain
- # Truffle Suite
- # Hardhat
- # Polkadot

Requirements:

- # System with Internet Connection
- # Interest to learn
- # Dedication

Instructor:

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>>Why do we need Blockchain technology?

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>>Centralized vs Decentralized networks

>>Distributed Systems overview

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>>What are APIs?

>>What is Front-end web development?

>>What is Back-end web development?

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- >>Spaces & Line Breaks
- >>Heading Tag
- >>Paragraph & Pre Tag
- >>Difference between Elements, Attributes & Tags
- >>Comments
- >>Useful Tags
- >>Nesting of Tags
- >>Extensions in HTML
- >>Live Server in VSCode
- >>Formatting Tags
- >>Article in HTML
- >>Time & Address Tag
- >>Quote & Cite
- >>Strike
- >>Progress Bar
- >>Anchor Tag Styling
- >>Image Tag
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- >>Input Tags,iframe
- >>Forms
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>>Symbols

>>Meta Tags

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>>Inline vs Internal vs External

>>Priority between Inline, Internal & External

>>Multiple Properties in Single Element

>>Types of Selectors

>>Priority between Id, Class & Element

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>>Height & Width

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>>!Important in CSS

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>>Pseudo Elements

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- >>Align Items in Flex
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- >>Rows, Columns & Gap in Grids
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>>If & Else

>>Challenge - If & Else

>>Switch Case

>>Challenge - Switch Case

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>>For Loops

>>Nested Loops

>>Break & Continue

>>Arrays, Strings & Objects

>>For-in

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>>Return in Function

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- >>Global financial system
- >>How Central Banks work?
- >>The 2008 Global Financial Crisis
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- >>Components of a Bitcoin block
- >>Bitcoin Blockchain live implementation
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- >>Why do we need consensus mechanism in Blockchain networks?
- >>Byzantine generals problem
- >>Byzantine fault tolerance- A solution to Byzantine generals problem
- >>BFT javascript implementation

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- >>Blockchain mining operation
- >>Mempool
- >>Bitcoin difficulty adjustment
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- >>Competing chain problem
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- >>Bitcoin addresses
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- >>Understanding the drawbacks of Bitcoin blockchain
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- >>Origin of Ethereum- The programmable currency
- >>The Decentralized Applications revolution and modern state of blockchain systems
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- >>Ethereum Accounts overview
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