



Technocation Freelancing Training Institute & Software House

Blockchain Development Training Certification Course Outline

MODULE 1: Intro to Blockchain

- Blockchain is a digital record book
 - It is shared with many people
 - No one can change past records
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MODULE 2: Blocks and Chains

- Data is stored inside blocks
 - Each block is linked to the next
 - Together they make a strong chain
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MODULE 3: How Security Works

- Blocks are locked by codes (hash)
 - Only correct code can open
 - This keeps data safe
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MODULE 4: Mining Basics

- Mining means solving puzzles
 - Miners add new blocks
 - They earn rewards for work
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MODULE 5: Cryptocurrency & Tokens

- Blockchain makes digital money
- Coins like Bitcoin and tokens are used
- They can be sent safely online

MODULE 6: Smart Contracts

- Smart contract is a digital deal
 - It runs by itself when rules are met
 - No one can cheat in it
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MODULE 7: Decentralized Apps (DApps)

- DApps run on blockchain
- No single owner controls them
- They are open and fair

MODULE 8: Blockchain in Real Life

- Used in banking and payments
- Used in voting and supply chain
- Even games use blockchain

MODULE 9: Tools for Developers

- Learn Solidity coding language
- Use Ethereum blockchain
- Try online tools like Remix IDE

MODULE 10: Build a Mini Project

- Create your first smart contract
- Test it on blockchain network
- Share your project with friends

MODULE 11: Certification Module

- Review all blockchain lessons
- Do a small final quiz/project
- Get “Junior Blockchain Developer” Certificate

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