



Olewin
Academy

An IIT Alumnus Platform



Blockchain Developer Program

Job Oriented Program

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An IIT Alumnus Platform

This program empowers you with in-demand technical, analytical, and strategic skills needed to thrive in blockchain-based ecosystems



Registration form

<https://forms.gle/RmeD5ADzmxvAuUpR8>

Scan

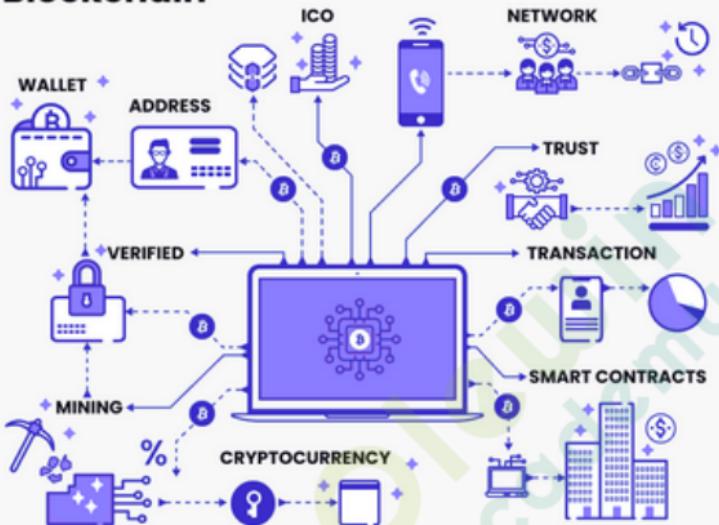


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Working Scope

Blockchain



Tools & Technologies

- **Languages:** Solidity, Rust, JavaScript, TypeScript, Go
- **Frameworks:** remix Hardhat, Truffle, Brownie, React, Node.js
- **Protocols:** Ethereum, Solana, Polkadot, truffle , Hyperledger Fabric,
- **Dev Tools:** Remix, Ganache, IPFS, MetaMask, Chainlink
- **Security:** OpenZeppelin, Slither, MythX



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Program Objectives

- Build foundational & advanced expertise in Blockchain & Web3.
- Develop real-world applications using Ethereum, Solidity, Rust, Hyperledger, Cosmos, etc.
- Understand blockchain security, consensus mechanisms, DeFi, NFTs, and DAOs.
- Prepare students for careers in Blockchain Development, Web3, and Decentralized Applications.

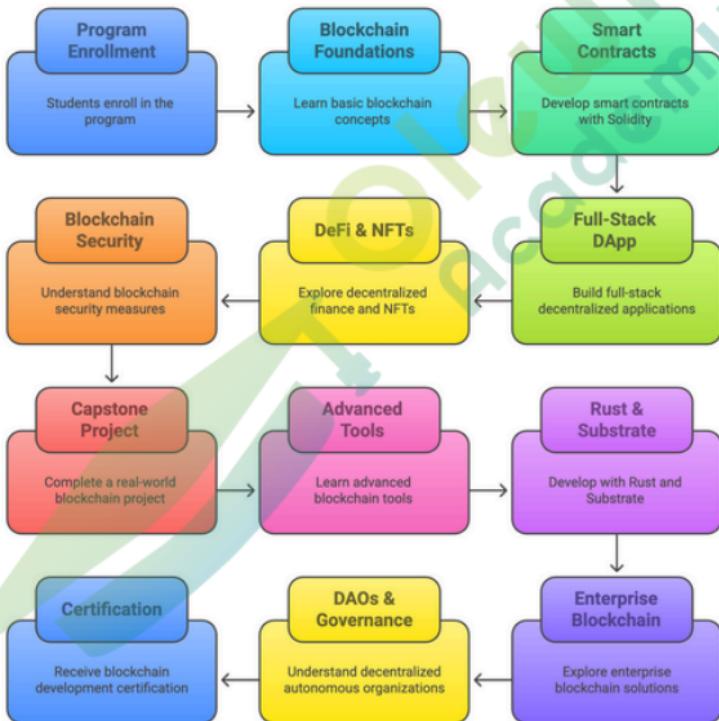
Scope - 2026 - 2028



- Blockchain in AI Governance, Smart Contracts, DeFi 3.0, CBDCs, Green Chains, and Quantum-Resistant Cryptography
- High demand in sectors: Banking, Healthcare, Logistics, Voting Systems, Climate Tech, and Identity Management
- Emerging in: Cross-border payments, ESG compliance, and DAO-driven social impact projects

The blockchain ecosystem is rapidly evolving, and by 2026–2028, the demand for specialized and cross-functional roles will be huge – not just for developers, but also for security experts, system architects, legal analysts, and even business strategists.

Blockchain Development Program Sequence



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Course Curriculum

6 Months Fast track Modules

Module 1: Blockchain Foundations

- Introduction to Blockchain & Web3
- Bitcoin, Ethereum, Binance Smart Chain
- Hashing, Digital Signatures, Merkle Trees
- Public vs Private Blockchains

Module 2: Smart Contracts with Solidity

- Ethereum Virtual Machine (EVM)
- Solidity Basics: Functions, Variables, Modifiers
- Events, Inheritance, Libraries
- DApp development using MetaMask, Remix, and Ganache

Module 3: Full-Stack DApp Development

- Frontend: ReactJS + Web3.js/Ethers.js
- Backend: IPFS + Smart Contract Integration
- Wallet Integration
- Using Moralis, The Graph, and Hardhat

**Real Time Project with Company
Collaboration**



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Course Curriculum

Module 4: DeFi & NFTs

- Yield Farming, Staking, Liquidity Pools
- Flash Loans, Lending Protocols (AAVE, Compound)
- NFT Standards (ERC-721, ERC-1155)
- NFT Marketplace Development

Module 5: Blockchain Security

- Reentrancy, Front-running, Oracle Attacks
- Secure Contract Writing Best Practices
- Gas Optimization, Auditing Tools (MythX, Slither)

Module 6: Capstone Project + Deployment

- Real-world Project Build
- Smart Contract Testing
- Deployment to Testnet/Mainnet
- Portfolio Development & Resume Prep

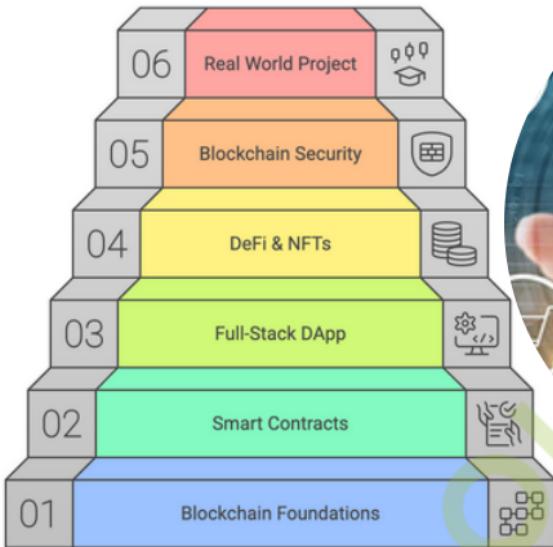
Important Note

This Blockchain Development Program is a real-time, project-based learning experience where students build live decentralized applications, smart contracts, and Web3 tools from day one. Each module is designed around real-world industry use cases to ensure practical, hands-on mastery. By the end of the program, students will have a portfolio of blockchain projects ready for job placements, startups, or freelance work.

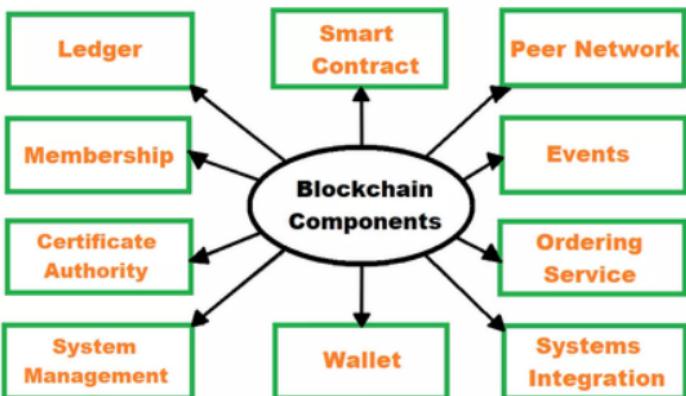


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Components of Blockchain





Course Curriculum

9-Month (Comprehensive Track)

Includes all of the above from 6 Months modules + Advanced Tools, Rust, Hyperledger, and DAO Governance

Module 7: Rust & Substrate

- Rust Programming Language
- Building Chains with Substrate
- Custom Blockchain Networks
- Cosmos SDK vs Polkadot vs Avalanche

Module 8: Enterprise Blockchain

- Hyperledger Fabric
- Chaincode Development
- Private Channels, Membership Services
- Supply Chain & Healthcare Applications

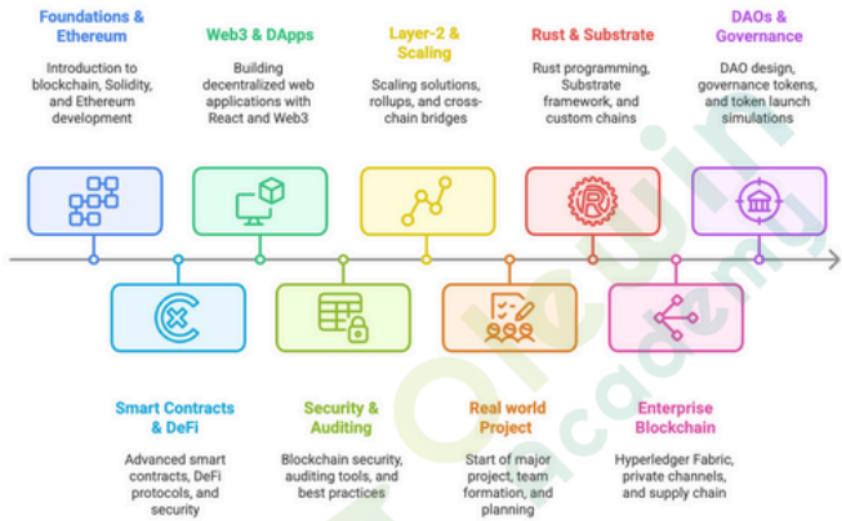
Module 9: DAOs, Governance, & Tokenomics

- DAO Design Principles
- Governance Tokens
- Quadratic Voting
- Token Launch Simulations (ICO, IDO, IEO)





9-Month Comprehensive Blockchain Engineering Track



Over the course of nine months, students will follow a structured, flowchart-based learning path—from blockchain fundamentals to building and deploying full-scale real-time applications. Each phase includes hands-on projects like smart contract development, DeFi systems, and NFT ecosystems, directly integrated with our company's live product cycles. This immersive, step-by-step approach ensures deep practical experience, making every learner job-ready and innovation-driven.



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Projects (2026–2028) Market Oriented)

**Students can choose based on interest
and guidance from instructors.**

Track 1: FinTech & DeFi

- Build a decentralized lending platform using AAVE protocols
- Central Bank Digital Currency (CBDC) simulator
- Zero-Knowledge Proof-based privacy transactions (zk-SNARKs)

Track 2: Environment & Sustainability

- Blockchain-based carbon credit tracking system
- DAO for community-driven tree plantation projects
- Green supply chain smart contracts using Hyperledger

Track 3: NFTs & Creative Economies

- NFT Marketplace with gasless minting and royalty tracking
- AI-generated NFT art + Chainlink VRF for randomness
- IP Rights tracking using NFTs for music/video content

Track 4: Healthcare & Identity

- Blockchain-based patient record system with private channels (Hyperledger)
- Decentralized ID system (DID) for remote verification
- Vaccine or blood donation traceability systems





Career Support

- **Resume building + GitHub portfolio creation**
- **Mock interviews with industry experts**
- **Job guarantee track (optional with eligibility)**
- **Freelancing + Startup mentorship track**
- **Job Assistance – 100%**

Bonus for Your Academy You can offer

- **Access to Olewin Blockchain Lab Simulator**
- **Monthly Hackathons**
- **Startup Incubation Support for Blockchain Ideas**
- **Partnership with crypto startups or DAOs for internships**

Bonus Roles Emerging by 2026–28

- **Quantum-Resistant Blockchain Architect**
- **Green Chain Analyst (ESG Blockchain Reporting)**
- **Cross-chain Bridge Engineer**
- **Decentralized AI Protocol Engineer**
- **On-chain Data Analyst**



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Career Roles in Blockchain (2026–2028 Outlook)

Offered through Olewin Academy's Industry-Driven Blockchain Developer Program

1. Blockchain Developer / Web3 Developer	9. Blockchain Legal & Compliance Expert
2. Smart Contract Developer	10. DAO Developer / Governance Engineer
3. Blockchain Solution Architect	11. Blockchain Analyst / Strategist
4. Blockchain Security Engineer / Auditor	12. Blockchain Researcher
5. Enterprise Blockchain Developer	13. Web3 Product Manager
6. DeFi Application Developer	14. Blockchain Community Manager
7. Tokenomics Designer / Token Developer	15. Cross-chain Developer / Bridge Engineer
8. NFT / Metaverse Developer	

At Olewin Tech Solutions, we are actively developing cutting-edge blockchain products across DeFi platforms, NFT marketplaces, and cross-chain bridges. As a student, you'll train directly on these real-time, live company projects, gaining hands-on experience that aligns with industry needs. This ensures you're not just learning—you're building what the world needs next.



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About Blockchain Program

Blockchain Development Program is a comprehensive, hands-on course designed to prepare students for the booming world of Web3, decentralized applications (dApps), DeFi, NFTs, Metaverse, and enterprise blockchain. The program blends fundamental concepts with advanced real-world projects, ensuring that every learner becomes industry-ready and future-proofed for 2026, 2027, and beyond.

This program empowers you with in-demand technical, analytical, and strategic skills needed to thrive in blockchain-based ecosystems, whether you're aiming to be a Smart Contract Developer, Blockchain Architect, or a Web3 Product Manager.

Why This Program?

- Tailored for the Future: Built around 2026–2028 industry projections, global blockchain trends, and evolving tech stacks.
- Project-Based Learning: Work on 8–12 real-world projects, from building NFT marketplaces to deploying DeFi smart contracts.
- Mentor Support: 1-on-1 sessions with blockchain engineers from top companies & DAOs.
- Full Tech Stack: Solidity, Ethereum, Rust, Web3.js, Hardhat, IPFS, Hyperledger, zk-SNARKs & more.
- Career Guidance: Resume-building, GitHub portfolio reviews, mock interviews, and job referrals.

Limited Intake Only

Visit for More:-

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WHAT SHOULD YOU EXPECT FROM THIS PROGRAM....?

- ▶ Recognized Certification
- ▶ Real-World Application Development
- ▶ Job-Ready Technical Training
- ▶ Placement & Job/Career Support
- ▶ Master in-demand skills tailored to meet the needs of MNCs and private sector companies making you job-ready from day one.



2 -Certifications based on Real-world Projects & Internships (Paid & UnPaid).



- ▶ Official Internship Endorsement
- ▶ Project-Based Experience
- ▶ Industry-Aligned Exposure
- ▶ Skill Application Proof
- ▶ Career Advancement Credential
- ▶ Real world Projects development with AI -Driven and deploy it as a Service model

Why Settle for Theory When You Can Build the Future?

Note:- Admissions is based on a shortlisting process. Only selected candidates will receive the opportunity to join this immersive, career-transforming journey.



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COMPANY PROFILE



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AN IIT ALUMNUS PLATFORM

Empowering learners globally with quality education
and training content for new approach to learning
paradigms

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