



Adyapan School

Web 3.0 with Blockchain



Duration - 2 months

Industry
Certification



Skill India Certified

250+
Partner Companies

Design secure, transparent digital ecosystems.

From decentralized concepts to real-world applications - become industry-ready.

This immersive Web 3.0 with Blockchain program takes you beyond foundational concepts into real-world decentralized development. Learn blockchain fundamentals, smart contracts, decentralized applications (dApps) and Web3 integration through hands-on projects and guided workflows. With a strong focus on practical implementation and emerging industry use-cases, you'll graduate with the ability to build secure, transparent and scalable blockchain-based solutions with confidence.

8

WEEKS

30+

PROGRAMS OFFERED

20,000+

STUDENTS

250+ PARTNERED COMPANIES



ABOUT ADYAPAN SCHOOLS

Where education meets real-world impact

Not just a course — a platform to launch
your career.

Adyapan Schools was built with a single conviction:
learning works best when it happens in the real world.
We partner with top companies, mentors, and industry
platforms to ensure every student graduates with a
portfolio of work that speaks louder than a certificate.

Our programs combine rigorous coursework with live
client projects, giving you the skills and proof-of-work
that employers actually want.

MISSION

To equip ambitious learners with
practitioner-level digital
marketing skills through mentor-
led, project-based education that
bridges the gap between learning
and earning.



VISION

To be India's most trusted
launchpad for the next generation
of marketing leaders — defined
not by degrees but by the real
work.



Everything you need to grow fast

PROGRAM HIGHLIGHTS



Live Industry Projects

Work on campaigns for real brands alongside your coursework. Build portfolio projects that prove your expertise to employers.



1-on-1 Mentorship

Dedicated mentors from Google, Microsoft, Mastercard and more. Get personalized guidance and industry connections.



AI-Powered Marketing

Learn cutting-edge AI tools alongside evergreen fundamentals. Stay ahead of the curve in a rapidly evolving landscape.



Dual Certification

Earn both a Course Completion and Internship Certificate – accredited by Skill India Digital Hub and NSDC.



Internship Guarantee

Graduate with an internship completion certificate from a live brand project. Concrete, resume-ready proof of work.



Industry Network

Join a network of alumni at Amazon, Google, Adobe, Microsoft. Access exclusive hiring events and referral opportunities.

8 weeks. 8 modules. Infinite impact.

WEEK 1

Introduction to Web 3.0

- Discussion of Curriculum
- Trace the evolution of the internet from Web 1.0 → Web 2.0 → Web 3.0, understanding what changed at each stage
- Explore the core principles of decentralization - why removing central authorities matters for privacy, ownership, and trust
- Overview of blockchain technology as the backbone of Web 3.0 infrastructure
- Understand what digital wallets are, how they work, and why they serve as your identity in the Web 3.0 world

WEB
3.0

WEEK 2

Blockchain Fundamentals

- Understand what a blockchain is — a distributed, tamper-proof ledger shared across a network of nodes
- Learn how blocks are structured, how nodes validate transactions, and what miners do in the process
- Explore consensus mechanisms — Proof of Work (PoW) vs. Proof of Stake (PoS) — and why the choice matters for security and energy
- Compare major blockchain networks (Ethereum, Solana, Polygon) and understand their trade-offs in speed, cost, and security



WEEK 3

Cryptocurrencies & Tokens

- Understand how cryptocurrencies work - from Bitcoin as digital gold to Ether as programmable money
- Learn the difference between coins and tokens
- Understand public/private keys Explore how crypto transactions are signed, broadcast, confirmed, and recorded on-chain
- Learn security fundamentals - seed phrases, phishing risks, wallet best practices, and how to avoid common scams



8 weeks. 8 modules. Infinite impact.

WEEK 4

Smart Contracts

- Understand what smart contracts are.
- Learn the basics of Solidity, smart contract language - variables, functions, conditions, and events
- Write and deploy a simple smart contract on a testnet
- Explore smart contract security pitfalls - reentrancy attacks, integer overflow and access control vulnerabilities
- Understand the gas model



WEEK 5

Decentralized Applications (DApps)

- Learn DApp architecture — how the frontend, smart contract backend, and blockchain interact in a decentralized stack
- Understand the role of IPFS and decentralized storage in building truly serverless applications
- Connect a frontend (HTML/React) to a deployed smart contract
- Integrate MetaMask wallet connection into a web app so users can authenticate and sign transactions
- Explore popular DApp categories - DeFi, DEXs, lending protocols



WEEK 6

NFTs & Digital Assets

- Understand what NFTs are - unique, verifiable digital assets on-chain
- Explore NFT marketplaces - how listings, royalties, and bids work on-chain
- Walk through the full minting process
- Examine real-world use cases of NFTs beyond art: gaming assets, event tickets, digital identity, and real estate tokenization
- Discuss the risks and criticisms of NFTs - wash trading, speculation, and environmental concerns - for a balanced view



8 weeks. 8 modules. Infinite impact.

WEEK 7

Web3 Development Tools

- Get hands-on with Web3.js and Ethers.js
- Learn to use development framework - compile, test, and deploy contracts locally before going live
- Write unit tests for smart contracts to verify logic, catch edge cases and simulate on-chain conditions off-chain
- Use the Alchemy or Infura RPC to connect your app to a live blockchain node without running your own node



WEEK 8

DeFi, DAOs & the Web3 Ecosystem

- Understand DeFi - how protocols like Uniswap, Aave, and Compound replace banks with smart contracts
- Explore DAOs - how governance tokens, proposals, and on-chain voting work
- Learn about Layer 2 scaling solutions and why they are critical for mainstream Web3 adoption
- Survey the broader Web3 ecosystem - cross-chain bridges, Web3 social, SoulBound tokens and the emerging decentralized identity space
- Map out career paths in Web3



Adyapan School

WHO THIS IS FOR

This course is perfect for

Students & Career Starters

Aspiring Blockchain & Web3 Developers

Computer Science, IT & Software Engineering Students

Developers Exploring Smart Contracts & (dApps)

Working Professionals in Tech, Finance & Startups

Crypto, DeFi & Digital Asset Enthusiasts

CERTIFICATIONS



ALUMNI NETWORK

Our alumni work at world-class companies

Amazon

Adobe

Google

Autodesk

Microsoft

Dalme

Your career switch is one click away.

Ready to begin? Apply at adyapanschool.com or email us at support@adyapan.com

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