



2024

CERTIFIED BLOCKCHAIN PROFESSIONAL

Become a Certified Blockchain Expert With ASB's Blockchain Professional Course.

Get prepared for the business revolution with our blockchain certification program. In this [blockchain certification course](#), participants can delve deep into the blockchain technology and learn directly from practical applications of the technology. ASB is proud to present this first-of-its-kind blockchain technology certification program that allows professionals to unlock the future of their careers or business.

ASB's [blockchain certification program](#) gives you the tools to discern the applicability of blockchain technology to any given business model. Study how digital assets use blockchain to facilitate P2P transactions. Gain a solid understanding of the mechanics behind blockchain protocols and discover how these can solve problems to support business goals.

Led by Antier and joined by leaders and industry experts from blockchain and AI startups, investment firms, and other leading institutions, this certification program gives you knowledgeable content and relevant frameworks so you can drive innovation using blockchain technology.

About **83% of global suppliers, business partners, competitors, and customers** are talking about working with digital assets and moving to blockchain in context to their strategies or solutions. Although blockchain has been synonymous with digital assets, its applications and use cases go far beyond financial transactions.

395%

Growth of
blockchain-related
jobs in 2021

\$176 Billion

Business value-add
that blockchain is
estimated to
contribute by 2025

Key Features



COURSE LENGTH
6 months



CLASS SIZE
20 Students



EFFORT
10 Hours a Week



LIVE PROJECTS



MODEL
Instructor - led



TRAINING
80% Practical, 20 % Theory



Syllabus / Curriculum

Module 1 Building Blocks of Blockchain

- ✔ Blockchain as a Career
- ✔ Introduction to Blockchain+ Digital Signatures
- ✔ Concept of Hashing + Merkle Tree + Hash Cash
- ✔ Concept of Networking TCP/IP + Peer to Peer
- ✔ Combining the Foundation of Technologies to form Blockchain Ecosystem

Module 2 Blockchain Beyond Basics

- ✔ Introducing types of Blockchain + Bitcoin Blockchain
- ✔ Introducing Ethereum Blockchain + Concept of Private Blockchain
- ✔ Introduction to Smart Contract + Web3 development tools
- ✔ Introduction to Solidity + Smart Contract Terminologies+ Gas Fees Optimization
- ✔ Loops, Operators, and Advanced Data Structures






Module 3 Smart Contract Development

- ✔ Concept of ERC 20 + Creation of Token in EVM Compatible Blockchain
- ✔ Creation of Own Token Advanced
- ✔ Creating a Staking Platform
- ✔ Advanced Concepts of Staking Platform
- ✔ Introduction to Hardhat and Foundry Frameworks (Smart Contract Frameworks)





Module 4 Non-Fungible Tokens

- ✔ Introduction to NFT Standard ERC721 + IPFS & Pinata
- ✔ Introduction to Basic Testing Text
- ✔ Advanced Test Cases
- ✔ Hands on training on Testing Scripts and Deployment Scripts
- ✔ Exploring Blockchain Explorers and Open Sea + Concept of ERC1155

Module 5 **Case study**

-  Understanding Various Use Cases of Blockchain- Launchpad, Staking Platforms
-  Understanding Various Use Cases of Blockchain - NFT Marketplaces , DEX
-  Understanding Various Use Cases of Blockchain - STO, Decentralized Lottery Platforms
-  Understanding Various Use Cases of Blockchain - Supply Chain
-  Understanding Various Use Case of Blockchain: Healthcare

Module 6 **Testing and Audits**

-  Workshop for Writing, Compiling, and Deploying of a Smart Contract
-  Post Deployment Writing Complete Test Suite
-  Testing on Remix and Monitoring Transaction on Explorer
-  Smart Contract Auditing Best Practices

On successful completion of the programme,
you will earn a coveted certificate as **Antier School of
Blockchain.**



* The Certificate shown above is for indicative purpose only. The actual certificate may vary.



VIKRAM R SINGH

CEO
Founder, Antier Solutions.



SHASHI PAL

Chief Operating
Officer



VISHAL SHARMA

Head - Learning &
Development



ANKIT BHATIA

Chief Training Officer/
Technical Project Manager



AJAY MITTAL

Academic Program
Advisor And Mentor



KARAN BHAI

Head - Business
Intelligence



ROHIT KUMAR

Software Developer
Cum Trainer



UDAYVEER SINGH

Lead Trainer
B.Tech, CSE



SAURABH KAWATRA

Technical Software
Trainer



GAGANDEEP SINGH

Product Head

Best-in-Class
Blockchain
Industry Experts



Internship and Placement Opportunity on Successful Completion.

Career Options After Course Completion.

- ✔ Blockchain Solutions Architect
- ✔ Blockchain Quality Engineer
- ✔ Blockchain Specialist
- ✔ Blockchain Developer
- ✔ Smart Contract Developer
- ✔ Blockchain Project Manager



Certificate Programme in **Blockchain**

YOUR DREAM CAREER! JUST A CLICK AWAY !!!

Any questions?

CONTACT ME



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