

Certified Blockchain Expert

A Certified Blockchain Expert (CBE) is a certified individual who holds expertise and an in-depth knowledge of Blockchain along with efficient implementation. The extensively abounding knowledge scope of a CBE makes him an expert in handling every Blockchain technology related task with proficiency.

The demand for CBE professionals is sure to rise as this technology of the future is making pioneering advancements towards better tomorrow.

Modules

Blockchain Introduction

- Basics of Blockchain
- Advantage of using Blockchain
- Positives of Blockchain
- Blockchain Vs. traditional technology
- Issue of Trust
- Readily available
- Faster dealings
- Transparency ledger understanding
- Secure
- Cost efficient
- Verified

Various Blockchain technologies

- RecordsKeeper
- Bitcoin
- Multichain
- EOS
- Ethereum
- Blockchain Users
- Stellar
- Hyperledger
- Blockchain projects
- NEO

Blockchain Environment

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- Blockchain Developers
- Blockchain Exchanges
- Blockchain Miners
- Blockchain Applications
- How are Blockchain and Bitcoin Related?

Blockchain Mid-Level Understanding

- Private vs. Public Blockchain
- Peer 2 Peer Network understanding
- Blocks, private key, address and transactions
- Sample Transaction: Execution and distribution
- When to use Blockchain
- Resolving Conflicts
- Security: Why Blockchain is Secure?
- Blockchain Mining: Pool and Solo
- Basics of Miners: Tasks undertaken by them
- Proof of Work vs. Proof of stake vs. Proof of Importance vs. Delegated POS
- How Blockchain can be harmed?

Blockchain Advanced

- Is it possible to set up private Blockchain?
- Devising own Blockchain solution.
- Blockchain Architecture
- Introduction to Smart Contracts

Blockchain Examples

A. Use Cases: Supply-chain

Regulatory Audit & Security

Inventory Management

Vendor Payment

Asset Tracking

B. Use Cases: Healthcare Record Keeping

Administrative & Regulatory Audit

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Clinical Trials Record Keeping

Hospital Supply Tracking & Tracing

Faster Claim Settlement

Health Record Management

Equipment tracking

C. Use Cases: Cyber Security

Protected Communication

Decentralization

Confidentiality

Resilience

Sustainability

Right to be forgotten

Fraud security

Integrity

Data quality

Tracking and tracing

Protected Network Access

D. Use Cases: Digital Marketing

Smart Contract

Editing

Performance

E. Use Cases: Land Ownership

Increased Residence

Enhance Security

Eliminating physical archives

Transparency

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F. Use Cases: Finance Industry

Cross-border Payments

Capital Markets

Loyalty and reward

Digital Identity

Certified Blockchain Expert Exam from Blockchain Council

- There will be an online training followed by a multiple choice exam of 100 marks.
- You need to acquire 60+ marks to clear the exam.
- If you fail, you can retake the exam after one day.
- You can take the exam no more than 3 times.
- If you fail to acquire 60+ marks even after three attempts, then you need to contact us to get assistance for clearing the exam

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