Blockchain

PRACTITIONERS COURSE

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Re-imagine fundamental business processes and invent new styles of secure digital interactions that will change the way the world works.

Each day, forward-thinking companies are transforming blockchain's promise into bottom-line business results.

Discover how blockchain can bring together allies across departments and disciplines, industries and organizations, and countries and cultures.

Blockchain can do for business what the internet did for communications.

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About this course

This explores the topics, technology and skills required to gain practice in the successful implementation of blockchain solutions.

Blockchain Practitioners – Help organizations lead the way into their digital reinvention journeys, by identifying critical areas for the adoption of enterprise-grade blockchain solutions that can benefit from the implementation of smart contracts using industry leading open source blockchain technologies.

Audience

Individuals with an active interest in applying for entry level jobs relevant to implementing blockchain technology.

Prerequisite skills for this course:
- *Basic IT literacy skills*
- *Fundamental e-Commerce concepts such as transactions, contracts, encryption*

Optional recommended skills:
- *Familiarity with programming techniques such as JavaScript*

Journey

🕐 75 hours

- **40% Concepts**
  Expanding the knowledge and understanding of the topic through lecture training and examples.

- **35% Group exercises**
  A chance to question and evaluate knowledge through discussions and exercises.

- **25% Hands-on labs**
  Putting knowledge into practice by experiencing blockchain technology and tools.

From frictionless supply chains to food we can trust, learn how industries are revolutionizing businesses with blockchain

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Objectives

- Understand how blockchain solutions are transforming the industry landscape.

- Develop a deeper understanding of blockchain technical topics such as consensus, cryptography, privacy and security.

- Acquire hands-on expertise using popular blockchain open source technology, including Hyperledger Fabric.

- Design and develop for a permissioned blockchain.

- Explore a variety of blockchain case studies, including food provenance, container tracking, payments, identity.

- Experience teamwork agile industry practices using Design Thinking.

- Engage in role-playing challenge-based scenarios to propose real-world blockchain solutions.

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