€TRAINING

Certified Blockchain Professional CBP

15 - 19 December 2024
Dubai (UAE)

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REF: W1963 **DATE:** 15 - 19 December 2024 **Venue:** Dubai (UAE) - **Fee:** 5310 Euro

Introduction:

The Certified Blockchain Professional CBP training program provides in-depth education on blockchain technology, covering its fundamentals, applications, and solution development. Completion of the program certifies individuals as CBPs, confirming their proficiency in this innovative domain.

At the end of this program, the participants will be able to:

- Recognize how public and permissioned blockchains operate.

- Identify and evaluate the viability of blockchain use cases

- Pick the top blockchain platforms and service providers depending on the use case

- Consider the effects of blockchain on business and regulation.

- Create blockchain solutions and define deployment methods.

Targeted Audience:

- Professionals interested in deepening their understanding of blockchain technology.

- Analysts, managers, and C-level executives.

- Developers seeking to enhance their skills in blockchain solution development.

- Entrepreneurs exploring the potential applications of blockchain in their business ventures.

Program Outline:

Unit 1:

Blockchain fundamentals:

- Basics of blockchain technology, including distributed storage and encryption principles e.g., hashing, key pairs, digital signatures.

- Understanding the usage of blockchains and the differences between private and public blockchains.

- Exploration of blockchain regulations and a deeper dive into specific cryptocurrencies like Bitcoin or Ethereum.

- Overview of block arrangement, consensus-based techniques, and the role of exchanges and wallets.

- Examination of the three types of blockchain applications storing data, value exchange, smart-contracting with real-world examples across industries.

- Discussion on the most recent technological developments and the future of blockchain technology.

- Addressing the challenges and difficulties in implementing blockchains effectively in various applications.

Unit 2:

Detailed examination of tokens and their application in ICOs, Dapps, smart contracts, and DAOs:

- Types and uses of tokens.

- Rights and utility.

- Token worth.

- Distribution of values.

- Demand and inflation.

Unit 3:

Permissioned blockchains:

- Specialized layer for handling data management and identity governance.

- Prevailing models of token echelon and establishment of consortiums.

- The goal of tokens within permissioned blockchain incentive schemes.

- Procedures for deciding decisions and management of identities in blockchain ecosystems.

- Governance structure and systems for off-chain governance.

Unit 4:

Use-cases from different industries, together with their effects on business:

- financial assistance.

- Insurance.

- pharmacology and healthcare.

- Community services.

- Energy.

- advertising and the media.

- World Wide Web of Things.

Unit 5:

Business strategies and governing factors:

- An appropriate blockchain use case.

- Control of tokens.

- Possibly being taxed.

- GDPR.

Platforms and service providers for blockchain technology:

- Business-relevant blockchain platforms.

- Software companies that offer "blockchain as a service".

- The IBM Hyperledger.

- Google Azure.

- Amazon AWS.

- Consensys Kaleido.