Certified NFT Expert Training

Duration: **1 Day**

BILGINÇ IT Academy
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Overview

Certified NFT Expert™ is a Certification that aims to cover all known aspects of Non-Fungible Assets existing in the Ethereum Blockchain environment today. The focus of this certification is to make the NFT concepts accessible to the community with little to no knowledge of Blockchain technology beforehand.

Validating and understanding your skills through this exhaustive exam-based certification will provide insights into the workings of Ethereum and the Non-Fungible Tokens. Successful completion of this certification will enable you to understand Ethereum-based platforms for Non-Fungible Tokens and will give you a massive head start in the Blockchain domain.

Prerequisites

There are no prerequisites for Certified NFT Expert training.

Who Should Attend

Anyone from any industry, who is interested in NFT can attend to this training.

What You Will Learn

By participating in the Certified NFT Expert training, you'll learn:

- The concept of Non-Fungible Assets,

- Smart Contracts and Decentralized applications,

- Known NFT Use Cases,

- Distinction between Fungible and Non-Fungible Assets.

Outline

Introduction to Certified NFT Expert

Understanding the Basics

- What is Blockchain?
- Blockchain Vs Cryptocurrency
- Blockchain Transactions

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- Working Principle of Mining
- Ethereum Virtual Machine (EVM)
- Decentralized Apps
- Decentralized Autonomous Organizations

A Guide to Tokens

- What are Crypto Tokens?
- How Crypto token works?
- Broad Categories of Tokens

Ethereum Tokens

- Guide to ERC Standard
- Different ERC Standards
- ERC-20 Standard
- Trading ERC-20 Tokens
- ERC-721 Standard
- Trading ERC-721 Tokens
- ERC-1155 Tokens

Understanding the Non-Fungible Tokens (NFT)

- What's an NFT?
- The Internet of assets
- NFT examples
- How do NFTs work?
- What are NFTs used for?

NFT Technology Stacks

- Blockchain Platforms- Ethereum
- Blockchain Platforms – Tezos
- Blockchain Platforms – Flow
- Blockchain Platforms – Cardano
- Blockchain Platforms – Wax
- Storage Platforms – IPFS
- Storage Platforms – Filecoin
- Protocols – ERC-721
- Protocols – ERC-1155
- Protocols – Other Protocols
- Front-End Framework – ReactJS
- Front-End Framework – AngularJS
- Front-End Framework – VueJS

Operations on NFT

- Operations on NFT
- Walkthrough opensea
- Opensea Metamask account setup
- Creating a NFT

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- Buying NFT
- Trading Selling (fixed price)
- Trading auction

Walkthrough - NFTically Marketplace

- Creating a Metamask wallet
- Launching an NFT Store
- Creating an NFT Collection
- Creating & Minting an NFT
- Buying an NFT

History of Non-Fungible Tokens

- Colored Coins
- CounterParty.io
- CryptoPunks
- CryptoKitties
- Top Projects in NFTs

NFT : Use-Cases

- Digital art
- Fashion
- Gaming and Sports
- Virtual Worlds
- Collectibles

NFT Risks & Challenges

- NFT Challenges

Certified NFT Expert Exam

- 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