

Metaverse Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Metaverse Training by Multisoft Systems is designed to equip professionals with the knowledge and skills required to thrive in the rapidly expanding digital universe. This training provides an in-depth understanding of virtual reality (VR), augmented reality (AR), blockchain integration, 3D environments, and digital assets, helping participants build and navigate immersive virtual spaces effectively.

Module 1: Introduction to the Metaverse

1.1 Understanding the Metaverse

- ✓ Definition, evolution, and importance of the Metaverse
- ✓ Key technologies powering the Metaverse (VR, AR, Blockchain, AI)

1.2 Virtual and Augmented Reality in the Metaverse

- ✓ Introduction to VR/AR technologies
- ✓ Devices and platforms for immersive experiences & Role of extended reality (XR)

Module 2: Blockchain and Web3 Technologies in the Metaverse

2.1 Blockchain Fundamentals

- ✓ Smart contracts and decentralized applications (DApps)
- ✓ Role of NFTs in the Metaverse

2.2 Web3 and Decentralized Platforms

- ✓ Differences between Web2 and Web3
- ✓ Interoperability and decentralized identity

Module 3: Building Digital Assets in the Metaverse

3.1 NFT Creation and Marketplace

- ✓ Designing and minting NFTs
- ✓ Selling and trading on NFT marketplaces

3.2 Virtual Economy and Digital Ownership

- ✓ Tokenomics and virtual currencies
- ✓ Economic opportunities in the Metaverse

Module 4: AI and Automation in the Metaverse

4.1 Role of AI in the Metaverse

- ✓ AI-driven avatars and NPCs
- ✓ AI-based recommendations and interactions

4.2 Data Privacy, Security, and Ethics

- ✓ Challenges in security and data privacy
- ✓ Ethical concerns and regulatory frameworks

Module 5: Designing and Developing Metaverse Environments

5.1 3D Modeling for the Metaverse

- ✓ Tools and platforms for 3D design (Unity, Unreal Engine, Blender)
- ✓ Creating immersive virtual spaces

5.2 Coding and Scripting for Metaverse Applications

- ✓ Introduction to metaverse programming languages (C#, Python, Solidity)
- ✓ Building interactive experiences with smart contracts

Module 6: Business and Marketing in the Metaverse

6.1 Monetization Strategies

- ✓ Revenue models in the Metaverse
- ✓ Brand marketing in virtual worlds

6.2 Future Trends and Industry Use Cases

- ✓ Applications in gaming, real estate, healthcare, and education
- ✓ Emerging trends and investment opportunities