



Since 2007, Making IT Experts & Products

Training Course: Game Design and Development

Duration: Hrs (Changeable) | Fees: Individual / Batch

Since 2007, Nestsoft TechnoMaster has been providing training, internships, and services in IT technologies, both online and offline, with the expertise of over 250 industry experts. We have delivered internships, training, and seminars to more than 50,000 students, resulting in numerous success stories. We offer 100% placement support through JobsNEAR.in

Our Courses/Internship

- Python/Django Fullstack
- Artificial Intelligence
- Machine Learning
- Data Science
- Software Testing (All)
- Wordpress, Woocommerce
- Digital Marketing, SEO
- Php/MySQL, Laravel
- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
- CCNA, MCSA, CCNP
- AWS, GCP, Azure
- Odoo, SalesForce, Sap
- Microsoft Excel
- Ethical Hacking



Syllabus on the Next Page ..

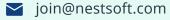


Our Head Office: Nestsoft TechnoMaster, Infopark, Cochin - 42, Kerala, India



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Module 1: Introduction to Game Development

- * Understanding the gaming industry and trends
- * Game development lifecycle
- * Overview of Unity and Unreal Engine

Module 2: Basics of Game Design

- Designing engaging game mechanics
- * Creating player experiences and narratives
- * Fundamentals of 2D and 3D game design

Module 3: Unity Game Development

- * Unity interface and project setup
- * C# scripting for game functionality
- * Building 2D games: sprites, animation, and physics
- * Creating 3D games: environments, characters, and interactions

Module 4: Unreal Engine Game Development

- * Navigating the Unreal Engine interface
- * Blueprint scripting for non-coders
- * Advanced programming with C++
- * Designing immersive 3D worlds and gameplay

Module 5: Advanced Game Development

- * Implementing artificial intelligence (AI) in games
- * Physics and animation systems
- * Optimizing game performance for various platforms

Module 6: Multiplayer and Virtual Reality Games

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- * Creating multiplayer games with networking features
- * Introduction to AR and VR game development
- * Integrating virtual reality devices and mechanics

Module 7: Testing and Deployment

- * Debugging and testing games
- * Exporting games for PC, console, and mobile platforms
- * Publishing on app stores and gaming platforms

Module 8: Real-Time Projects

- * Designing and developing a complete game from scratch
- * Collaborative projects simulating real-world workflows
- * Presenting your final project as a portfolio showcase

Module 9: Certification and Career Preparation

- * Preparing for Unity and Unreal Engine certifications
- * Building a professional portfolio

(Click on Course for more details)

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- Thank You -

N.B:This syllabus is not final and can be customized as per requirements / updates.

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