

Since 2007, Making IT Experts & Products

Course: Game Design and Development

Duration: 40 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 ..



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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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