INVENTATEQ

MASTER VIRTUAL REALITY DEVELOPMENT COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Virtual Reality Development Training

Get Industry-ready Skills and Certification

Powered by: Unity Technologies, Autodesk

COURSE DURATION

- 6 Months Live Online Real-Time Courses, on Lab
- 100% Practical Training with Industry Experts
- Industry Recognized Virtual Reality Developer Certification
- 100% Dedicated Placement Support to Start a VR Career

16+	500+	25K	15K
Learning Hours	Hiring Partners	Graduates	Learners

FREE Webinar
Join Our Upcoming Batch
IT'S AWESOME!

STARTS HERE !

How Immersive Tech Helps You

ARE YOU FACING THESE CHALLENGES ?

- Still searching for a job even if you have a graduation?
- Worried about the Tough Competition in the Job Market and Lack of Confidence?
- Stuck in a boring, repetitive job? Understanding the barriers to career growth?
- Fear of not keeping up with the pace of Tech Advancements?
- Not getting interviews calls despite applying for many jobs?

ABOUT INVENTATEQ

Inventateq is a leading virtual reality development company committed to transforming business ideas into immersive VR experiences.

Our Mission
To empower businesses and individuals with cutting-edge virtual reality solutions that drive innovation, engagement, and success in the digital age.

Our Vision
To be the global leader in virtual reality development, shaping the future of immersive experiences and revolutionizing industries worldwide.

Why Thousands Choose Inventateq?

15+	500+	25,000+	15,000+
Years of Experience	Hiring Partners	Graduates	Learners

We Collaborate With

Deloitte. | Capgemini | Accenture | PAYTM | Tech Mahindra

WHY LEARN VIRTUAL REALITY DEVELOPMENT ?

Virtual Reality Development is a rapidly growing field with immense potential in various industries, including gaming, education, healthcare, and entertainment. Learning VR development can open up exciting career opportunities and allow you to create immersive experiences that can change the way people interact with technology.

CAREER SCOPE OF VIRTUAL REALITY DEVELOPMENT

- Augmented Reality Developer
- Virtual Reality Developer
- Product Design Visualization
- Cross-platform Application Developer
- Mixed Reality Developer
- Python Virtual Reality Developer
- Virtual Reality Content Creator
- Virtual Coordination Engineer
- Architectural Visualization Engineer
- Web Virtual Reality Developer

CERTIFICATE

Industry Recognized Certificate from Inventateq

Average VR Professional Salary in India
₹6.0 LPA - ₹18 LPA

WHY INVENTATEQ ?

Inventateq is the best choice for learning VR because it will not only give you an in-depth understanding of the technology but also practical experience in developing VR applications. Additionally, Inventateq will provide you with the opportunity to work on real-world projects and collaborate with other VR developers, which will help you build your network and gain valuable insights into the industry.

STUDENT PLACEMENTS

COURSE & CLASSROOM VIDEOS

At Inventateq, Your Success is Our Mission !

GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world.

- Aptitude Training
- Technical Training
- Soft Skills Training
- Resume Preparation
- Interview Preparation
- Linkedin Profile Optimization
- Job Portal Access
- Placement Drives & Hiring Events

OUR PLACEMENT STATS

10,000+	500+	95%	4LPA
Students Placed	Hiring Partners	Placement Rate	Highest Package

TOP RECRUITING COMPANIES

TCS	Infosys	HCL
Capgemini	Tech Mahindra	Accenture
Wipro	Inventateq	

Check Our Recent Placements

CAREER PROGRESSION

Inventateq's comprehensive curriculum is designed to provide you with the skills and knowledge you need to succeed in the rapidly growing field of virtual reality development. Whether you're looking to start a career in VR or simply want to learn more about this exciting technology, Inventateq can help you achieve your goals.

Entry Level Position	Practical, Skills Gained After Training	Potential Career Progression
Junior VR Developer	Assisting in the development of VR applications, including coding, testing, and debugging.	Progression to mid-level VR developer role with more responsibility and complexity.
Virtual Environment Artist	Creating 3D models, textures, and environments for VR applications.	Progression to lead artist role, overseeing the visual design of VR projects.
Senior VR Developer (with Experience)	Lead VR development projects, mentoring junior developers, and collaborating with cross-functional teams.	Potential for progression to technical lead or project manager roles, overseeing multiple VR projects.

SKILLS ROADMAP

Progress from core foundations to specialized tracks, ready to execute real projects.

Foundation	Core Development	Specialization	Capstone & Career
Mastery of Unity3D and C#	Build interactive VR environments	Design and implement complex VR systems	Create a portfolio-ready VR project
Proficiency in 3D modeling and animation	Develop realistic physics and interactions	Optimize VR applications for performance	Prepare for job interviews and career opportunities
Understanding of VR hardware and software	Implement user interfaces and controls	Integrate VR with other technologies	Network with industry professionals
Basic knowledge of computer graphics	Create immersive audio experiences	Develop multiplayer VR experiences	Contribute to the VR community

DETAILED MODULE PLAN

Each module includes 1-2 Practical Assignments + Industry-style project that is graded

Module 1: VR Foundations and Setup

- Immersive Design Basics
- Setting up Unity and Oculus development software (free with purchase of VR applications)
- Hands-on project planning, including objectives, scheduling, and resource requirements
- Basic interaction, assembly, interaction, and grasping following VR UX design
- Introduction to Unity's interface and basic navigation

Assignment
Create a simple VR scene with basic interactions (e.g., picking up objects, opening doors).

Module 2: 3D Spaces, Scene Setup, and Asset Integration

- Understanding 3D dimensions, environments, scenarios, lighting, and shadow baseline
- Using models, textures, and animations to create realistic and immersive environments
- Importing and optimizing 3D models, textures, and animations for VR performance
- Building basic environments and scenes in Unity

Assignment
Design and build a small, interactive VR environment with 3D assets and basic scripts.

Module 3: Interaction Design and User Experience

- Designing object interactions, grabbing, selection, triggers, and feedback mechanisms
- Implementing user interface (UI) elements in VR, including menus and HUDs
- Creating intuitive and comfortable VR experiences
- Balancing realism, simplicity, and usability in VR interactions

Assignment
Create a simple, fun mini-game or interactive app with interactions and object creation.

Module 4: Scripting and Logic for VR Applications

- Using scripting logic to control interactions, states, events, and environmental behaviors
- Creating dynamic and responsive VR experiences with C# programming
- Implementing physics-based interactions and simulations
- Advanced techniques through experimental and programming

Assignment
Add a simple mini-game or app that controls user inputs and dynamic environments.

Module 5: Optimization and Performance

- Techniques for optimizing VR applications for smooth performance
- Reducing draw calls, texture sizes, and polygon counts
- Profiling and debugging VR applications
- Ensuring a consistent frame rate to avoid motion sickness and discomfort

Assignment
Optimize a VR scene to run at a frame rate of 90 FPS or higher on a target device.

Module 6: UI and Spatial

- Understanding spatial UI, menus, prompts, and information displays
- Understanding spatial UI, menus, prompts, and information displays
- Creating intuitive and engaging VR user interfaces
- Prototyping guidance and feedback systems in testing environment
- Designing for accessibility and comfort

Assignment
Create a VR application with a functional UI and basic user interactions.

Module 7: Physics, Animation, and Environmental Behavior

- Realistic environmental behaviors, animations, and physics simulations
- Making virtual objects behave realistically without overloading performance
- Creating dynamic environments that respond to user actions
- Advanced techniques for physics and animation in VR

Assignment
Create a VR application with a functional UI and basic user interactions.

Module 8: Optimization and Performance

- Performance Optimization
- Understanding frame rate, render scale, and optimization, and VR-specific issues
- Profiling and debugging VR applications
- Ensuring a consistent frame rate to avoid motion sickness and discomfort

Assignment
Optimize a VR scene to run at a frame rate of 90 FPS or higher on a target device.

Module 9: VR Project Design and Prototyping Use Cases

- Building VR applications from Scratch
- Ideation, planning, execution, and project management
- Designing and prototyping VR experiences for specific use cases
- Advanced, collaborative application of VR
- Testing and refining VR applications with user feedback
- Producing VR portfolio and demonstrations reels
- Career Opportunities

Assignment
Complete a final VR project showcasing learning and preparing a portfolio piece.

Module 10: Real-Project Workflow

- Working in a complex VR environment
- Applying skills to a real-world project with guidance
- Teamwork, scrum, meetings, milestones, and collaboration
- Preparing a demonstration video and project for portfolio or interview use
- Reflecting on the learning journey and identifying next steps for continued learning
- VR Language Training
- Industrial Applications Overview
- Career Guidance and Portfolio Review

Assignment
Complete a final VR project showcasing learning and preparing a portfolio piece.

THREE PORTFOLIO PROJECTS

Build real-world projects, master in-demand skills, and launch your career in virtual reality.

Project 1: VR Showroom Trainer
Create an immersive VR showroom for training sales teams on product features and customer interactions.
Skills you'll learn: Unity3D, C#, VR Interaction Design, Spatial Audio
Tools used: Unity3D, Oculus Integration, Blender, Audacity

Project 2: Virtual Museum Explorer
Develop a VR museum where users can explore exhibits, learn about artifacts, and interact with virtual guides.
Skills you'll learn: 3D Modeling, Texturing, Animation, Scripting, Level Design
Tools used: Unity3D, Blender, Substance Painter, Photoshop

Project 3: Interactive Data Visualization
Build a VR application that visualizes complex data sets in an interactive and engaging way.
Skills you'll learn: Data Visualization, UI/UX Design, Scripting, Optimization
Tools used: Unity3D, C#, Data Visualization Libraries, Oculus Integration

Project 4: Immersive Experience Showcase
Develop a VR application that showcases your skills in a visually stunning and interactive way.
What you'll do: Design and implement a VR experience, Create 3D models and textures, Implement interactions and animations, Optimize for performance
Skills you'll learn: Unity3D, C#, 3D Modeling, Texturing, Animation, Optimization
Tools used: Unity3D, Blender, Substance Painter, Oculus Integration

Project 5: Physics-Automata Station
Create a VR application that simulates physics-based interactions and automata behaviors.
What you'll do: Design and implement physics simulations, Create automata behaviors, Develop interactive elements, Optimize for performance
Skills you'll learn: Unity3D, C#, Physics Simulation, Automata Theory, Optimization
Tools used: Unity3D, Blender, Oculus Integration

Project 6: VR Development Hub for Grid Explorer
What you'll do: Design and develop a VR application that showcases Grid Explorer's capabilities
Skills you'll learn: 3D Modeling, Texturing, Animation, Scripting, Optimization
Tools used: Unity3D, Blender, Substance Painter, Oculus Integration

ASSESSMENT FRAMEWORK

Multi-dimensional assessment approach to ensure holistic learning and skill development.

Assessment	Assessment Focus	Skills Evaluated
Project Milestones	Practical application and problem-solving	Technical skills, creativity, collaboration, project management
Quizzes and Knowledge Checks	Theoretical understanding and concept retention	Knowledge of VR principles, terminology, and best practices
Hands-On Coding Challenges	Independent problem-solving and coding proficiency	Programming skills, algorithm design, debugging, optimization
Final Immersive Experience	Full-scale VR development project	Comprehensive skills integration, innovation, and presentation
Technical Mock Test	Technical knowledge, troubleshooting & optimization	Technical proficiency, problem-solving, optimization

RESUME, GITHUB & LINKEDIN

Your resume is your first impression. Make it count with our expert resume and portfolio guidance.

- Resume ATS Compliance Alignment, Integrated with Job Portals
- Project Documentation & Coding Practices Showcase on GitHub
- Recommendations for Technical Skills, Projects, and Soft Skills on LinkedIn
- Resume Building & Interview Preparation
- Industrial Visit & Technical Workshops
- Collaboration Live Calls with Placed Students

YOUR STUDENT

Hear from students who started their journey with us and found success through dedication, skill, and continuous growth.

READ REVIEWS

"The course structure was perfect for me. I started with the basics and gradually moved to more complex topics. The instructors were always available to help me when I had questions." — Priya Sharma, Virtual Reality Developer

"I was impressed by the depth of knowledge and practical experience I gained during the course. The instructors were knowledgeable and supportive, and the hands-on projects were challenging but rewarding." — Rahul Verma, Virtual Reality Developer

"The course was a game-changer for my career. I went from having no experience in VR development to landing a job as a VR developer within a few months of completing the course. I highly recommend it to anyone looking to break into the field." — Ananya Gupta, Virtual Reality Developer

WATCH VIDEOS

How Inventateq Helps Students Achieve Their Career Goals

How Inventateq Helped Students Get Placed in Top Companies

How Inventateq Helped Students Get Placed in Top Companies

How Inventateq Trains Students for Real-World Success

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CONTACT US

JOB-HUNTING ENDS HERE

Start your career path with Virtual Reality Development course that gets you Placed Well !

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