

Rahul Vanchivel N

Junior Unity Developer

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Profile

Unity Developer with hands-on experience in XR applications. Skilled in real-time 3D, interactions, animation, and optimization, with a strong UI/UX background. Passionate about building engaging immersive experiences.

Skills

- **Programming Languages:** C#, JavaScript, Python
- **Game Engine & Tools:** Unity 3D, XR Interaction Toolkit, Vuforia, Photon Unity Network, AR Foundation, Visual Studio, Git, BitBucket, Figma

Professional Experience

Junior Unity Developer

April 2025 - August 2025

Meynikara XR Technologies

Chennai, India

- Contributed to development of interactive AR/VR experiences using Unity for commercial and educational use cases.
- Involved in cross-platform deployment and testing for WebGL, Android, iOS, and VR.
- Gained hands-on exposure to real client-facing XR product development.

Unity Developer Intern

August 2024 - March 2025

Meynikara XR Technologies

Chennai, India

- Assisted in prototyping and building AR components within Unity.
- Contributed to animation timelines, basic scripting, and object placement logic.
- Successfully converted design mockups into interactive scenes.

UI / UX Tester Intern

September 2023 - March 2024

Banao Technologies

Bengaluru, India

- Conducted usability testing for web and mobile apps.
- Coordinated with design and dev teams to improve interface clarity and user flow.

Projects

Assembly Training Module – VR Training Simulation

- Developed an interactive VR module for industrial screw-fixing tasks using Unity and XR Interaction Toolkit.
- Implemented object interactions, animations, and task validation to simulate real-world assembly training.

Physics Learning – Education Project

- Built an immersive learning experience combining Unity, AI-based text and voice assistance, and interactive 3D timelines to teach physics concepts.
- Designed for cross-platform use (WebGL, VR, Android & iOS).

Work at Height – VR Safety Training

- Created a VR safety simulation focusing on working at heights.
- Implemented realistic physics, hazard detection, and guided training scenarios to promote safety awareness in industrial environments.

Education

Bachelor of Computer Science And Design

2021 – 2025

Kongu Engineering College

Erode, India

Languages

- English, Tamil, Malayalam