

PATIL ATHARV ROHIT

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Education

VIT Bhopal

B-tech CSE with specialization in Gaming Technology

2022 – 2026

CGPA- 7.13

Skills

- **Programming** - C++, C#, SQL, DBMS, Object-Oriented Programming, Data Structures & Algorithms
- **Game Development**
 - Unity (2D/3D Game Development, C# Scripting, Physics & UI Systems)
 - Unreal Engine 5 (C++, Blueprints, Level Design, Game Mechanics)

Projects

- **Jetpack Journey**
 - Developed a 3D jetpack simulation game using Unreal Engine 5 Blueprints.
 - Designed immersive gameplay mechanics and interactive environments.
 - Implemented particle systems for realistic jetpack effects (smoke, fire, and boost animations).
- **Quiz Master**
 - Designed and developed an interactive quiz game in Unity using C#.
 - Implemented a timer, scoring system, and user-friendly UI for smooth gameplay.
 - Incorporated data persistence to store user scores and progress for replay ability.
- **Employee Management System**
 - Built a C++-based system for managing employee records.
 - Implemented CRUD operations, search, and report generation using file handling.
 - Developed features like search by employee ID/name, salary calculations, and report generation.
- **Cat Simulation**
 - Built a mobile cat simulation game using Unity and C#.
 - Implemented cat behaviors such as walking, running, jumping, and interacting with objects.

Certifications

- **Unreal Engine 5 Blueprints – Udemy (2025)**
 - Learned advanced game development using Blueprints in UE5.
- **Hyper-Casual Games Development – Udemy (2025)**
 - Specialized in designing and developing hyper-casual games using Unity.

Extracurricular

- **Discipline Committee – Advitya 2024**
 - Ensured discipline during large-scale events, preventing mishaps.
- **Darpan 2025 Acting Competition - Advitya 2024**
 - Secured 3rd Position in inter-college acting contest.