

## Roshan Chaudhary

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- 📍 Mumbai, Maharashtra, India

## Objective

Highly motivated B.Sc. Computer Science (Third-Year) student at Patkar Varde College. Passionate about game design, scripting, and 3D environment creation, eager to apply academic knowledge to real-world development workflows and contribute to engaging gaming experiences.

## Education

Bachelor of Science in Computer Science  
Patkar Varde College, Mumbai University  
Expected Graduation: 2026

Key Courses: Object-Oriented Programming, Data Structures, Game Development with Unity, Computer Graphics, Algorithms, Software Engineering

## Technical Skills

- Game Engine: Unity 3D
- Programming Languages: C#, C++, Python
- Game Development: Game mechanics scripting, player movement, collision detection, physics, animation control, UI design
- Tools & Software: Visual Studio, Blender (basic), Git/GitHub, Photoshop (basic)
- Concepts: Object-Oriented Programming (OOP), 3D Environment Design, Scene Optimization, Prefabs, Lighting & Materials

## Academic Projects

- 🎮 Mini 3D Adventure Game (Unity/C#)

Developed a small 3D exploration game with collectibles, player health, and simple AI movement. Implemented player controls, object interactions, and game UI using Unity's Input System and C#. Learned about prefabs, scene management, and light baking.

- ⚙️ Physics-Based Ball Control Game

Created a rolling ball game featuring realistic physics, camera follow system, and checkpoints. Used Unity's Rigidbody and Colliders for natural motion simulation.

- 💻 OOP Concepts Demonstrator (C# Console App)

Implemented a mini console-based application showcasing inheritance, encapsulation, and polymorphism.

### Achievements & Activities

- Participated in college-level Game Jam 2025, developed a 2D puzzle prototype within 48 hours.
- Completed online courses on Unity Essentials and C# for Game Development.
- Active contributor to small open-source Unity projects on GitHub.

### Soft Skills

Team Collaboration | Creative Problem Solving | Adaptability | Quick Learner | Communication

### Availability

Available for internship immediately (onsite or remote).