

Ritindranath Tagore

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EDUCATION

VIT University

Bachelor of Technology

Major in Computer Science; Minors in Gaming Technology

Cumulative GPA: 8.19/10

Bhopal, Madhya Pradesh

Expected September 2026

TECHNICAL SKILLS

Languages and Frameworks- Java, C#, GDScript, Python

Game Engines- Unity, Godot

WORK EXPERIENCE

My Safe Circle (Non-profit Mental Health Organization)

Content Team Lead

Remote

Jan 2024 – April 2025

- Responsible for guiding new interns and ensuring quality of work.
- Developed content for workshops, training sessions and coursework.
- Edited and updated presentations to meet quality standards.

PERSONAL PROJECTS

Hunted: A 3D Horror Game

May 2025

Tech Stack: Unity, C#

- Implemented advanced game mechanics such as state-driven AI, game state management, and object interaction via ray cast.
- Authored over 500 lines of code.
- Additionally developed UI elements to complete the gameplay experience, including menus and in-game HUD.

Artificial Intelligence in Games

May 2025

Tech Stack: Unity, C#, Python

- Design a series of practical to demonstrate common machine learning algorithms used in Game Development. Includes both unity and python-based practical.
- Demonstrated use of Naïve Bias classifiers, Influence maps and decision trees in taking decisions.
- Additionally demonstrated how pathfinding algorithms work using a 3D map-based simulation.

Brick Breaker

August 2025

Tech Stack: Java, Swing

- Developed a fully functional Brick Breaker game using Java Swing, implementing Object Oriented Principles.
- Designed a modular map generator for creating different brick layouts, ensuring scalability and easy customization.
- Applied event driven programming with Key Listeners and Timers to handle smooth paddle movement, ball interactions and game loop.

CO-CURRICULAR

CISCO Community

Event Management Team

Bhopal, Madhya Pradesh

Oct 2023- May 2025

- Event management and event planning

TED X VIT Bhopal

Co-lead, Sponsorship and Finance

Bhopal, Madhya Pradesh

Feb 2023 – Feb 2025

- Finance, sponsor acquisition and Event Management

ADDITIONAL

Languages: English, Bengali, Hindi

Certifications & Training: Oracle Certified Java SE11 Developer