

# Ritindranath Tagore

<https://github.com/Rnt-04> | Ph: +91 6289027917 | [ritintagore@gmail.com](mailto:ritintagore@gmail.com) | <https://www.linkedin.com/in/rnt04/>

## EDUCATION

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### 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

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

## WORK EXPERIENCE

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### 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

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### Java Ticket Management System

August 2025

Tech Stack: Java

- Developed a ticket management system using OOPs concepts for scalability and a local database for data persistence.
- Implemented features such as user authentication with password hashing, train search, seat booking/cancellation and booking history retrieval.

### 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

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### 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

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**Languages:** English, Bengali, Hindi

**Certifications & Training:** Oracle Certified Java SE11 Developer