Ritindranath Tagore

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EDUCATION

VIT University   Bhopal, Madhya Pradesh
Bachelor of Technology   Expected September 2026
    Major in Computer Science; Minors in Gaming Technology
    Cumulative GPA: 8.19/10

TECHNICAL SKILLS

Languages and Frameworks- Java, C#, Python

WORK EXPERIENCE

My Safe Circle (Non-profit Mental Health Organization)   Remote
Content Team Lead   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

Java Library Management System   August 2025
Tech Stack: Java
- Developed a library management system using OOPs principles, allowing users to manage book records.
- Implemented features such as user registration and authentication, book issue and return functionality as well as ability to track expected return dates and fine defaulters.
- Leveraged object oriented principles to create a modular, scalable design.

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   Bhopal, Madhya Pradesh
Event Management Team   Oct 2023- May 2025
- Event management and event planning

TED X VIT Bhopal   Bhopal, Madhya Pradesh
Co-lead, Sponsorship and Finance   Feb 2023 – Feb 2025
- Finance, sponsor acquisition and Event Management

ADDITIONAL

Languages: English, Bengali, Hindi
Certifications & Training: Oracle Certified Java SE11 Developer