

Shrey Mittal

+91-7852863116 | shrey.23bce11659@vitbhopal.ac.in | Rajasthan, India

SUMMARY

Computer Science student with hands-on experience building high-performance applications using **Java** and **Python**. Developed and deployed **RESTful APIs**, automated workflows using **cloud services** and **ML models**, and collaborated with cross-functional teams to deliver scalable **backend** systems with measurable improvements in efficiency and performance.

SKILLS

Languages: Python, Java, SQL

Tools/Frameworks: Git, REST APIs, MongoDB, Firebase, AWS, Azure

Soft Skills: Communication, Problem Solving, Leadership, Team Collaboration

PROJECTS

Event Management App

Full-Stack Android App

Apr 2025 – Jul 2025

Python, ML, Firebase, Flutter

- Led a team to develop a scalable event app enabling users to host events and service providers to offer services.
- Integrated **BERT algorithm** for service matching, improving matching accuracy by **35%**.
- Utilized **Firebase** for cloud backend and real-time data sync across clients.

Cricket Game Scorecard System

Backend System

Jan 2025 – Mar 2025

Java, Spring Boot, MongoDB

- Designed a modular system for managing players, teams, and match sessions.
- Implemented **Spring REST API** to automate live score updates and player statistics.
- Used **MongoDB** to handle large volumes of match data with flexible schema design.

AI-based Courtroom Simulation

LLM Simulation Game

Aug 2024 – Dec 2024

Python, REST API, Unity

- Collaborated** in a team to build a courtroom game with AI-generated dialogue for characters.
- Reduced dialogue response time by **82%**, and decreased error rate by **72%** by fine-tuning **Llama 3.1 LLM**.
- Applied a custom **REST API** to connect Unity with Python-based AI logic.

EXPERIENCE

Android Development Training Program

Imarticus Learning

May 2025 – June 2025

Remote

- Built a secure notes app using **Kotlin**, integrating **cloud backup**, user authentication, and rich-text editing
- Implemented real-time sync using **Room Database**, optimizing **read/write efficiency by 40%** over default handlers
- Collaborated with product mentors to design modular codebase for future extensibility and **offline caching**.

EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science (CGPA - 8.51)

Sehore, Madhya Pradesh

Aug 2023 – May 2027

CERTIFICATIONS

- Google** – The Bits and Bytes of Computer Networking (Coursera Certificate)
- Microsoft** Certified – Azure Data Fundamentals (Credly Badge)
- Imarticus** – Android App Development (View Certificate)

LINKS

LinkedIn: [linkedin.com/in/shreym04](https://www.linkedin.com/in/shreym04)

LeetCode: leetcode.com/u/ShreyM

GitHub: github.com/ShreyM4