

Saniya Tripathi

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Summary

As a third-year **B.Tech Computer Science** student, I have developed expertise in **Core Programming** and **Java Development**. Passionate about **scalability** and **system optimization**, I am currently working on an **Event Management System** and further exploring the **Android SDK** while deepening my **Java** journey to stay ahead in the evolving tech landscape.

Technical Skills

- **Programming Languages:** C, C++, Core Java, Advanced Java, Java Servlet
- **Databases:** MySQL
- **Tools and Technologies:** Notepad++, Turbo C++, VS Code, NetBeans, GitHub
- **Other Skills:** Adaptability, Leadership

Project

Event Management System

Developed a scalable and efficient system using **Java Servlets**, **MySQL**, **HTML**, **CSS**, and **Bootstrap 5**. The system supports secure user authentication, role-based access control (RBAC), and real-time event scheduling.

- Implemented full-stack development with **CRUD operations**.
- Integrated **AJAX** for real-time updates without page reloads.
- Designed **scalable architecture** ensuring fast performance.
- Utilized **MySQL** for data storage, integrity, and complex queries.

Seminars / Trainings / Workshops

Symposium 3.0

(21–23 Mar, 2025)

- **Institute:** Indian Institute of Technology, Indore
- **Key Skills:** Exposure to Advanced CS Topics
- Participated in a **national-level tech symposium** organized by IIT Indore's CSE Department. Covered trending CS innovations, technical talks, and networking.

Mobile Application Development Workshop

- **Key Skills:** Flutter, Real-time Database Integration, Mobile UI Design
- Completed a **2-day workshop** focused on building mobile apps using **Flutter and Firebase**.

Achievements

- Participated in a competitive college-level **Coding Hackathon** at PIEMR.
- Represented college during an exclusive **company visit in Indore** to understand industry practices.

Academic Experience

- **Prestige Institute of Engineering, Management & Research (PIEMR), Indore**
B.Tech – Computer Science Engineering **2022–2026**
- **Gyan Vihar Vidyapeeth Sr. Sec. School, Maihar**
Higher Secondary – Science (PCM) **2019–2021**