

Akshita Sinha

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PROFILE SUMMARY

A motivated 3rd-year Computer Science student at MIT-WPU with strong skills in full-stack web development, C, C++, Java, and MySQL. Experienced in building end-to-end applications, qualified for SIH Round 2 for developing a secure data wiping tool, and currently working on a research paper in musical instrument detection. Seeking a software development or web development internship to apply technical abilities and contribute to real-world projects.

PROJECTS

Event Planning Web Application (Full Stack Development) — In Progress [Link to Demo](#)

Designing a full-stack event planning platform with React.js + Node.js + MySQL. Features include event browsing, ticket booking, user authentication, and admin event management. Building a chatbot assistant for event-related queries and helpdesk automation.

Secure Data Wiping Tool (Built for Smart India Hackathon) [Link to Demo](#)

Developed a system tool that securely erases sensitive data using multi-layer deletion algorithms. Implemented quick-wipe and deep-wipe functions, checksum verification, and system-level access handling.

EDUCATION

2023 - 2027	Bachelor's Degree at MIT WPU	(GPA: 8.75, CGPA:8.53)
2022	Class 12th CBSE Board	(percentage: 89)
2020	Class 10th CBSE Board	(percentage: 94)

PUBLICATIONS

- “Musical Instrument Detection from Audio Signals Using Machine Learning”. Currently under preparation for submission to a student research journal. (Ongoing Research)

TECHNICAL SKILLS

Programming:	C, C++, JavaScript
Web Development:	HTML, CSS, Node.js, Reach.js
Database:	MySQL
Concepts:	Data Structure and Algorithms, DBMS, OOPs, OS, CN

CERTIFICATIONS

- **Deloitte Virtual Internship (Forage)** – Completed industry-grade tasks in consulting and technology domains.
- **Java Programming Certification** – Successfully completed structured training in core Java concepts.
- **Smart India Hackathon (SIH)** – Qualified for Round 2 for Secure Data Wiping Tool project.
- **Web Development Courses** – Completed training in HTML, CSS, JavaScript for frontend development.