Ajmer Lodhi
Computer Science & Engineering Student

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Profile Summary

Curious and fast-learning CSE student exploring emerging technologies. Passionate about MERN stack, AI/ML, and collaborative platforms. Strong problem-solving, coding, and project management skills. Enjoys contributing to open-source, learning new tools, delivering real-world solutions, and continuously upgrading technical expertise.

Education

Bachelor of Technology (2022–2026) — Sagar Institute of Science, Technology & Engineering, Bhopal, MP — CGPA: 7.56
Senior Secondary (2022) — NMC English Hr. Sec. School, Banda, Sagar, MP — 81.3%
High School (2020) — NMC English Hr. Sec. School, Banda, Sagar, MP — 95.3%

Technical Skills

Languages: C++, Java, JavaScript, Python, SQL, Bash
Web: React, Node.js, Express.js, MongoDB, HTML, CSS, Tailwind, Bootstrap
Tools & Platforms: Git, VS Code, Postman, Docker, Firebase, Linux, CI/CD, REST APIs
Concepts: DSA, OOP, Software Development, Agile, Software Testing, Cloud Basics

Projects

Women-Safety-Analysis — MERN, OpenCV, YOLO
Developed a real-time safety app with location tracking, SOS alerts, and object detection using YOLO. Integrated secure backend APIs, user-friendly dashboards, push notifications, and advanced analytics.

Study-Helper Collaborative Platform — MERN
Created a collaborative platform to help students prepare for exams. Features include progress tracking, quizzes, notes management, analytics, parent-teacher dashboards, and notifications for assignments and updates.

Heart Disease Prediction App — React, MongoDB, ML
Built a predictive web application using machine learning models for heart disease detection. Includes interactive dashboards, user authentication, predictive analytics, and dynamic charts to visualize health trends.

Certifications & Trainings

- Database Management System — NPTEL (IIT Kharagpur) — Feb 2025
- Cybersecurity Essentials & CCNA — Cisco Networking Academy — Apr 2025
- AI Builder Workshop — SISTec-GN — Dec 2024
- DSA Workshop — MANIT, Bhopal — Jul 2024
- Flutter & Firebase Training — Self-Learning — 2024

Co-Curricular Activities & Awards

- Cultural Coordinator, Student Activity Council
- Member, Institution Innovation Council (SISTec-R)
- Microsoft Learn Student Ambassador (2023-24)
- Participated and won multiple hackathons
- Volunteered for tech workshops and coding competitions
- Organized peer mentoring and technical sessions for juniors

Interpersonal Skills

Optimism, Quick Learner, Team Player, Strong Communication, Collaboration, Problem Solving, Time Management, Leadership, Adaptability, Creativity

Hobbies & Interests

Exploring emerging technologies, attending tech conferences, reading tech blogs, contributing to open-source projects, coding challenges, UI/UX design, chess, innovation in software development, and continuous learning through online courses and projects.