

SHIVAM MALVIYA

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Professional Summary

B.Tech CSE–AIML student (Expected 2026) with strong skills in data structures, algorithms, and full-stack development. Proficient in Python, JavaScript, and the MERN Stack, with hands-on experience delivering scalable academic and healthcare platforms. Eager to apply engineering principles and collaborate in high-impact software engineering projects.

Technical Skills

- **Languages:** Python, JavaScript, HTML, CSS | Familiar with: Java, C++
- **Core CS:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems
- **Web Technologies:** MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful API Development
- **Tools & Frameworks:** Git & GitHub, Postman, VS Code, Vercel, Render, MongoDB Atlas (Deployment)

Education

- **Sagar Institute of Science, Technology and Research (SISTec-R), Bhopal** (2022- 2026)
B.Tech in Computer Science & Engineering – Artificial Intelligence & Machine Learning (Expected 2026) **CGPA:7.84**
- **Govt. Excellence School Sausar, Dist. Chhindwara** (2021 - 2022)
Higher Secondary (XII) – Science (PCM) **Percentage:75.4%**
- **Govt.Higher Secondary School Seoni, Dist. Chhindwara** (2019 - 2020)
High School (X) **Percentage:90.25%**

Projects

Project 1: ResultShodh – Academic Results Management & Analytics Platform

GitHub: <https://github.com/shivuu2005/ResultShodh>

- Developed **ResultShodh**, a system for managing and analyzing academic results efficiently.
- Designed features like **student result processing**, performance analytics, and automated report generation.
- Improved **result processing speed by 70%** by automating manual calculations and report generation.

Project 2 : SehatBridge – Healthcare Appointment & Records Management System

Live: <https://sehatbridge.tech2stack.com>

- Built a responsive medical appointment platform using React.js, Node.js, Express, and MongoDB.
- Implemented user authentication, doctor-patient scheduling, and health record management.
- Enabled smooth UX through dynamic routing and protected APIs.
- Designed REST APIs and ensured smooth deployment on Vercel.

Certificates

- **Python Essentials 1 & 2** – [Cisco Networking Academy](#) (Core Python, scripting, and automation concepts)
- **Introduction to Artificial Intelligence** – [Infosys](#) (AI fundamentals, ML concepts, and ethical considerations)
- **Introduction to Programming Using Python** – [HackerRank](#) (Problem-solving through coding challenges)
- **Fundamentals of Leadership** – [Udemy](#) (Team collaboration, communication, and adaptability)

Participation

- **AMD AI Sprint Hackathon** – IISc Bengaluru | Prototyped AI-based analytics tool in 36 hours.
- **Lakecity Hack 2.0** – Built MERN-based MVP with real-time features in 24 hours.
- **SISTec Innovation Hackathon 2.0** – Developed automated reporting system for academic data.
- **Samadhan 1.0** – Designed scalable academic tracking system.
- **Vidyapeeth Institute Tech Event** – Participated in coding challenges and tech talks.

Strengths

- Strong analytical thinking & debugging skills, proven through hackathon prototypes & scalable projects.
- Quick learner with adaptability to new technologies & engineering practices.
- Effective collaborator in cross-functional teams, delivering under tight deadlines.