

Samrat Crosiya

Full Stack Developer | AI Enthusiast |

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EDUCATION

•Gyan Ganga Institute of Technology and Science

Bachelor of Technology (B.Tech) – Computer Science | Jabalpur, Madhya Pradesh, India

2023–2027

Aug 2023 – Present

•Kendriya Vidyalaya School Vehicle Factory Jabalpur

Senior Secondary

Class X-XII

2021 – 2023

PERSONAL PROJECTS

•Chotu Assistant

Desktop automation agent using Python and NLP techniques

[GitHub](#)

- Tools & Technologies: Python, NLP, Automation
- Built a desktop assistant that performs tasks using voice and text commands.
- Reduced time spent on repetitive tasks by automating routine processes, improving personal productivity.
- Containerized the application using Docker with virtual environment support for cross-platform deployment consistency.

• Swift X Rides – Ride Booking App

Cross-platform ride-booking application built with React Native and Expo

[GitHub](#)

- Tools & Technologies: React Native, Expo, TypeScript, React Navigation
- Built a cross-platform ride-booking app with fare comparison and route selection features.
- Converted web application screens into reusable React Native components with responsive mobile UI.
- Implemented location search and navigation flow using React Navigation and React Native APIs.

•BookLens – Book Recommendation System

Flask-based ML recommendation app

[GitHub](#)

- Tools & Technologies: Python, Flask, pandas, NumPy, scikit-learn, Jupyter Notebook
- Developed a book recommendation website that suggests similar books based on user ratings.
- Created a simple and responsive frontend using HTML, CSS, and Jinja templates.
- Displayed Top 50 popular books and recommendation results through a Flask web application.

TECHNICAL SKILLS AND INTERESTS

Languages: JavaScript, Python, HTML5, CSS3

Frontend: React.js, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, FastAPI

Databases: MySQL, Vector Database

AI & ML: scikit-learn, LangChain, LangGraph, Computer Vision, RAG, NLP

DevOps & Cloud: Docker, CI/CD, AWS, Jenkins, Kubernetes (Basic), Terraform (Basic)

Tools: Git, GitHub, Postman, VS Code, Jupyter Notebook

POSITIONS OF RESPONSIBILITY

•Open Source Contributor

Ongoing

- Contributed to 2 open-source repositories focused on AI integration in healthcare, fixing production-level bugs and improving features.
- Collaborated with global developer communities to improve code quality and feature implementation.

ACHIEVEMENTS & CERTIFICATIONS

•Postman Student Expert– Postman

•CCNA Certification– Cisco Networking Academy