

# **SAMRAT CROSIYA**

**Full Stack Developer | AI Enthusiast | Prompt Engineer**

Jabalpur, India

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🔗 [GitHub](https://github.com/SamratCrosiya): <https://github.com/SamratCrosiya>

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## **PROFESSIONAL SUMMARY**

Innovative B.Tech Computer Science undergraduate with a strong foundation in **MERN Stack development** and **Generative AI**. Passionate about bridging the gap between traditional web applications and intelligent agents. Proven track record of building scalable applications using **React, Node.js, and LLMs**. Actively contributing to open-source healthcare projects and seeking opportunities to leverage skills in **AI Agents, RAG, and Cloud Native technologies**.

## **TECHNICAL SKILLS**

- **Languages:** JavaScript (ES6+), TypeScript, Python, HTML5, CSS3.
- **Frontend:** React.js, Tailwind CSS, Material UI, Bootstrap.
- **Backend:** Node.js, Express.js, RESTful APIs.
- **Databases:** MongoDB, MySQL, Firebase, Supabase.
- **AI & ML:** Gemini API, RAG (Retrieval-Augmented Generation), NLP, AI Agents, Prompt Engineering.
- **DevOps & Cloud:** Docker, Kubernetes, CI/CD (GitLab), Terraform (Basic), Crossplane.
- **Tools:** Git, GitHub, VS Code, Postman.

## **FEATURED PROJECTS**

**Medi Bot AI** | *React, Node.js, Gemini API, MongoDB*

- Engineered an AI-powered healthcare assistant capable of interpreting natural language queries to provide instant medical guidance.
- Integrated **Google's Gemini API** to process complex context and deliver accurate, empathetic responses.

- Designed a scalable backend architecture using Node.js and MongoDB to handle user data and chat history securely.

### **Developer Study Hub | JavaScript, HTML, CSS, Firebase**

- Developed a comprehensive Learning Management System (LMS) for aspiring web developers.
- Implemented secure user authentication and real-time data synchronization using **Firebase**.
- Curated and structured educational resources, resulting in an intuitive UI for accessing tutorials.

### **Chotu Assistant | Python, NLP, Automation**

- Built a desktop automation agent using Python and NLP techniques to streamline daily workflows.
- Programmed the system to execute voice and text commands for file management, web scraping, and system operations.
- Reduced time spent on repetitive tasks by automating routine processes.

## **OPEN SOURCE & EXPERIENCE**

### **Open Source Contributor | Healthcare & AI Projects**

- Actively contributing to open-source repositories focused on AI integration in healthcare.
- Collaborating with global developer communities to improve code quality and feature implementation.
- **Current Goal:** preparing for **Google Summer of Code (GSoC) 2026** by analyzing codebases and engaging with mentor organizations.

## **EDUCATION**

- Bachelor of Technology (B.Tech) – Computer Science

Gyan Ganga Institute of Technology and Science, Jabalpur | 2023 – 2027 (Expected)

- Senior Secondary (XII) & Secondary (X)

Kendriya Vidyalaya | Completed 2023 & 2021