

Sagar Mishra

MERN Stack Developer | Java | DSA

Lucknow, India | sagar.mishra_cs23@glu.ac.in | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EDUCATION

GLA University, Mathura — B.Tech in Computer Science *Expected June 2027*

- CPI: 6.75 (Latest SPI: 7.52)
- Coursework: Data Structures & Algorithms, OOPs, DBMS, Operating Systems, Computer Networks

Lucknow Public School, Lucknow — Intermediate (Class XII) *May 2022*

- Score: 75%
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TECHNICAL SKILLS

- Languages: Java, JavaScript, Python
 - Frontend: React.js, Redux Toolkit, HTML, CSS, Tailwind CSS
 - Backend: Node.js, Express.js, REST APIs, JWT, Socket.io
 - Databases: MongoDB, MySQL
 - Tools: Git, GitHub, VS Code, IntelliJ
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PROJECTS

QuickBite — Food Delivery App (*MERN + Stripe*) | [GitHub Repo](#)

- Built 10+ REST APIs for authentication, orders, and payments using Node.js and Express, supporting multiple concurrent users. Implemented JWT-based role authentication with three access levels (Customer, Admin, Owner) ensuring secure data access.
- Integrated Stripe payment gateway with secure webhook handling, processing mock transactions reliably. Designed scalable MongoDB schema with 5 collections; deployed on Render and Vercel for high availability.

SmartScribe — AI Study Assistant (*MERN + OpenAI API*) | [GitHub Repo](#)

- Integrated OpenAI API to generate smart summaries, quizzes, and flashcards from user notes, reducing study prep time. Implemented real-time AI response streaming with rate limiting on the Express backend to optimize API costs and latency.
- Built a responsive dashboard to save and organize AI-generated content stored efficiently in MongoDB.

ChatWave — Real-Time Chat Application (*MERN + Socket.io*) | [GitHub Repo](#)

- Developed a real-time messaging application supporting group chats and typing indicators using Socket.io for <50ms latency.
 - Implemented JWT authentication with bcrypt and persistent chat history in MongoDB to maintain secure state across sessions.
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DSA & CERTIFICATIONS

- Problem Solving: Solved 100+ LeetCode problems — Arrays, Dynamic Programming, Trees, Sliding Window, Two Pointers
 - Certifications: Google Generative AI, Google Cybersecurity, NPTEL Software Engineering (IIT Kharagpur)
- HackerRank: 5-Star Java
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ACHIEVEMENTS

- Led a 5-member team for a live-deployed MERN app, managing sprints and end-to-end Stripe integration.
- Built 3 independent full-stack projects featuring AI integrations, real-time web sockets, and secure payment handling.
- Completed 6 rigorous certifications in AI, Cybersecurity, and Software Engineering within a 12-month timeframe.