

CHANDRANGSHU SARKAR

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Professional Summary

MCA student skilled in full-stack development, problem-solving, and applied machine learning. Experienced in building scalable web apps, secure backend systems, and data-driven solutions. Seeking a Software Engineer or Full-Stack Developer role.

Education

Master of Computer Applications (MCA), VIT-Bhopal (CGPA: 8.5, Current)	2024–2026
B.Sc. (Hons.) Computer Science, New Alipore College (University of Calcutta) (CGPA: 8.1)	2020–2023
Higher Secondary (Class XII), WB Council of Higher Secondary Education (77.2%)	2019–2020
Secondary (Class X), WB Board of Secondary Education (79.7%)	2017–2018

Skills

Programming & CS Fundamentals: Java, Python, C, Data Structures & Algorithms, OOPS


Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), **Next.js (basic exposure)**, **TypeScript (basic exposure)**, Redux, Bootstrap, Tailwind

Data Analytics: NumPy, Pandas, Matplotlib, Power BI, Statistics, SQL

Databases & Cloud: MySQL, MongoDB

Tools & Practices: Git & GitHub, VS Code, PyCharm, REST APIs, Postman, Eclipse IDE, JSON parsing

Projects

ImagiGen – AI-Powered Text-to-Image Generator (SaaS App)  Mar 2025 – Present

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js), ClipDrop API, Stripe, Tailwind CSS

- Built a full-stack AI text-to-image SaaS app with secure authentication for **100+ users**.
- Integrated ClipDrop API and Stripe, achieving **95%** successful payment rate.

Yanzoo – Travel Made Easy (Cab Booking App)  Jul 2025 – Present

Tech Stack: MongoDB, Express.js, React.js, Node.js, Tailwind CSS

- Implemented **secure, role-based user authentication** to ensure **100% data privacy**
- Designed a scalable booking and matching system, **capable of handling 500+ concurrent users**

BellyBuzz – Food Delivery Platform  Aug 2025 – Present

Tech Stack: React.js, Express.js, MongoDB, Node.js, Stripe

- Engineered a full-stack payment workflow using Stripe, resulting in a **99% payment success rate**
- **Accelerated menu/order data retrieval by 35%** through RESTful API development

Wanderlust – Property Management Platform  Jan 2025 – Mar 2025

Tech Stack: MongoDB, Express.js, Node.js, HTML, EJS, CSS, JavaScript, Google Maps API, Cloudinary

- Developed an **admin panel** where users can add, edit, and delete properties, and view/review listings
- Integrated **Google Maps API** for location-based property search and **Cloudinary** for secure image storage
- Implemented authentication and access control to ensure data security for property owners

Positions of Responsibility

Computer Science Instructor, UrbanPro  Jun 2023 – Present

- Mentored 55+ students in Python, Java, and DSA; improved student performance by **60%**.
- Delivered customized lesson plans and hands-on coding exercises.

Backend Node.js Intern, Talentrise Technokrate Pvt Ltd (Nagpur) May 2025 – Aug 2025



- Engineered secure backend routes with **Joi validation** and client-side validation for robust data accuracy.
- Implemented **Passport.js authentication with cookies**, strengthening security for hospital management system.
- Optimized **MongoDB schemas and API integrations**, improving backend performance and reliability.

Honours & Awards

Winner – Code Combat, University of Calcutta  Apr 2024

Led team “Koders” to first place in a state-level hackathon; developed an AI solution that boosted efficiency and cut manual effort by **25%**.

Competitive Coding Achievements

- LeetCode : Solved **125 problems** beating **68-79%** of users
- GeeksforGeeks : Solved **152 problems**, Coding Score **577**, Rank **1330**, Languages: Java, Python.

Certifications

Azure: create a REST API using NodeJS Serverless Functions(2025)

SQL for Data Analytics — Great Learning (2025)