Kunal Chakraborty

Aspiring Software Developer

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Kolkata, West Bengal, India

PROFESSIONAL SUMMARY

Aspiring Software Developer with experience in full-stack development using React, Node.js, and MongoDB. Skilled in building RESTful APIs, working with SQL and NoSQL databases, and programming in Python and Java, with a strong focus on clean code and agile collaboration.

EDUCATION

Master of Computer Applications (MCA)	Expected 2026
Brainware University CGPA: 8.5	
Bachelor of Commerce(H)	2020 – 2024
University of Calcutta CGPA: 8.1	

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C
Frontend Technologies: HTML5, CSS3, React.js, Tailwind CSS
Backend Technologies: Node.js, Express.js, RESTful APIs, Socket.IO, WebSockets, Redis
Databases: MongoDB, SQL (MySQL)
DevOps & Tools: Git, GitHub, CI/CD Pipelines, Sentry, API Testing & Debugging

EXPERIENCE

IBM   07/2025-08/2025

Full Stack Developer Intern

- Built full-stack applications using React, Node.js, Express, and MongoDB, contributing to ~60% of core features.
- Implemented authentication, file uploads, and real-time features with Clerk, Multer, and Socket.io, improving stability by 35%.
- Optimized APIs and WebSockets with Axios, reducing response time by 25%.
- Improved reliability using Tailwind UI and Sentry, cutting production errors by 40%.
- Certification_link: https://ibmlearning.skillsnetwork.site/certificates/3d935639-d89a-4f06-9008-f9102b386232

PROJECTS

Insiderjobs: [Full-Stack Job Portal]   2025

- Created a MERN Job application portal to post new jobs and manage jobs with a clean, userfriendly interface
- Engineered a full-stack job portal with MERN, featuring role-based dashboards for candidates and recruiters
- Secured the platform with Clerk authentication and enabled resume/image uploads via Multer
- Delivered a sleek, responsive UI using Tailwind CSS, ensuring a modern user experience
- Optimized communication with Axios APIs and integrated Sentry for real-time monitoring and reliability
- Github_link: https://github.com/KunalChakraborty445/job-portal-full-stack.git

VibeChat: [Real-Time MERN Chat App]   2025

- Developed a real-time chat application using Socket.io for seamless two-way communication between users
- Built RESTful APIs with Node.js and Express to manage users, chats, and messages securely
- Designed a responsive frontend using React with Tailwind CSS and Daizy UI and Zustand for efficient state management
- Deployed the full-stack app on Vercel with MongoDB Atlas for cloud database hosting
- Github_link: https://github.com/KunalChakraborty445/fullstack-chat-app