

MRINAL ANAND

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Full-Stack Developer with experience building scalable, real-time web and mobile applications. Passionate about performance optimization, DevOps automation, and delivering seamless user experiences

EDUCATION

Institute of Engineering and Management, Kolkata
Bachelor of Computer Science

July 2021 – July 2025
Kolkata, India

SKILLS

Programming	C++, Java, JavaScript, C , Python
Frontend	HTML, CSS, TailwindCSS, React, React Native, Redux, Zustand
Backend	Node.js, Express.js, Spring Boot, Maven, WebSockets
DevOps	Git, Docker, Grafana
Cloud	AWS (EC2, S3, Lambda), Linux, Nginx
Databases	MySQL, SQL, MongoDB, Redis
Soft Skills	Communication, Leadership, Problem-Solving, Team Collaboration, Adaptability

EXPERIENCE

Full Stack Developer

Nov 2024 – May 2025
Kolkata, India

Strength

- Designed and developed scalable RESTful APIs with Node.js and Express, optimizing data processing and ensuring seamless service communication for improved system efficiency and user experience
- Deployed Redis OSS caching, reducing query latency by 30% and ensuring zero downtime. Automated CI/CD using Docker and Kubernetes, improving deployment speed and system scalability.
- Integrated WebSockets for real-time updates, enhancing system responsiveness and user engagement. Optimized MongoDB queries, improving database efficiency under high traffic loads.

PROJECTS

CarRental

[Live](#)

(*React.js, Tailwind CSS, Framer Motion, Node.js, Express.js, MongoDB, Mongoose, JWT, ImageKit, Vercel*)

Built a dynamic Car Rental booking platform featuring car listings, user authentication, booking workflows, and an admin dashboard for managing inventory and reservations, with optimized media handling, smooth animations, and full deployment for production use.

Ride-Booking App

[Github](#)

(*React Native, Zustand, Node.js, MongoDB, WebSockets , EC2, GoogleMaps*)

Developed a scalable, production-ready ride-booking application with real-time driver-rider matching, live status updates via WebSockets, and a highly responsive UI. Engineered a robust backend using Node.js and MongoDB with secure authentication, optimized database queries, and transaction-safe booking workflows for a seamless user experience.

CERTIFICATIONS & ACHIEVEMENTS

- Certified in IBM DevOps, Google Cloud, AWS Practitioner, and HackerRank REST API.
- TATA Imagination Challenge: Top 6,415 of 263,654 applicants.
- 3rd place in IIT Dhanbad Hackfest 2023 (ABIT track).
- Solved 500+ GeeksforGeeks problems (400-day streak) and 1000+ DSA problems. AMCAT: 99/100.
- Regular participant in coding contests on Codeforces and LeetCode; achieved a max Codeforces rating of 1150+