SHUBHENDU CHAKRABARTI

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EDUCATION

Galgotias College of Engineering and Technology   **2023 - 2027**
B.Tech in Artificial Intelligence & Machine Learning

Nutan Vidya Mandir, Dilshad Garden   **2022 - 2023**
Class XII

EXPERIENCE

Code Core Global   **Jul 2025 - Sep 2025**
Web Development Intern   *Remote*
- Built and deployed a full-stack marketplace (MERN) serving 1K+ users with responsive UI and secure authentication.
- Designed RESTful APIs and microservices in Node.js; optimized MongoDB queries and implemented JWT-based access.
- Enhanced UI performance with React.js and Tailwind CSS; reduced page load by 40% via modular refactoring.
- Boosted SEO by 25% through Lighthouse audits and collaborated in Agile sprints with Git version control.

PROJECTS

ChargeOnTheGo - EV Charging & Battery Swap App
- Developed a full-stack cross-platform app for 5K+ EV users with real-time station tracking and smart queueing.
- Integrated **OCPP protocol** for live charger communication and implemented JWT-secured REST APIs.
- Optimized app performance using modular architecture and async state management in React Native.
- Stack: React Native, Spring Boot, PostgreSQL, OCPP, JWT, Google Maps API, Tailwind CSS

Navdrishti - Community Empowerment Platform
- Engineered a scalable full-stack platform connecting NGOs, professionals, and enterprises via microservices.
- Built secure REST APIs with RBAC (JWT) and optimized data flow using async API orchestration in Node.js.
- Implemented containerized deployment with Docker and CI/CD on Vercel & Netlify.
- Stack: React.js, Node.js, Express.js, MySQL, Supabase, Docker, Tailwind CSS

TECHNICAL SKILLS

Languages: JavaScript, C, Python, Java, SQL

Frontend: React.js, Next.js, Redux, Tailwind CSS, HTML5, CSS3

Backend: Node.js, Express.js, Spring Boot, REST APIs, JWT, Microservices

Databases: MySQL, PostgreSQL, MongoDB, Supabase, Firebase

Mobile: React Native, Firebase, Google Maps SDK

Tools: Git & GitHub, Postman, Netlify, Vercel, Docker (basic)

Concepts: Scalable Architecture, API Integration, State Management, Agile Development

ACHIEVEMENTS

- Finalist, Ignition Hack 2025 - Made a web-app named UpcharSaathi that allows booking doctor appointments, medicine booking from prescription using image recognition, recommendation system for recommending doctors, symptom checker using heuristic search approach.
- Semi-Finalist, Galgotias International Hackathon 2024 - Selected from 100+ teams - Made a mental health chatbot using gemini api for raising awareness regarding mental health
- Contributor, Social Winter Of Code 5.0 - Open-source contributions and mentorship - worked on a project that is an active chatroom for developers to share code snippets directly and in editable formats.