ASHISH DABRAL

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INTRODUCTION

Full Stack Developer with Hands-on experience in React.js, Express.js, and TypeScript. Proficient in PostgreSQL and Docker, with a keen interest in building scalable, secure, and user-friendly web applications. Passionate about learning new technologies and applying best practices to develop efficient and maintainable solutions. Eager to contribute and grow in a dynamic development environment. Currently fascinated by AI, with a focus on continuously exploring and learning about Generative AI.

EXPERIENCE

Freelance AI Developer | AI chatbot   May 2025

- Built and deployed a **Retrieval-Augmented Generation (RAG)** chatbot for a client website.
- Enabled **real-time user Q&A with web search integration**, reducing customer support workload.
- Integrated the entire workflow into a new chat component and added it to the homepage for the client.

Rapidcode Technologies Private Limited   June 2024–Dec 2024

FullStack developer intern

- Developed 8+ production RESTful APIs handling 2,000+ daily requests with 99.5% uptime across client applications.
- Built 15+ **reusable React components** adopted across 3 client projects, reducing development time by 35%.
- Integrated 5+ **third-party APIs** with comprehensive error handling, improving user experience metrics by 25%.
- Containerized 4 applications using Docker, cutting deployment time from 2 hours to 15 minutes.
- Collaborated in a 6-member Agile team, contributing to AWS infrastructure planning and CI/CD optimization.

PERSONAL PROJECTS

Mini-cursor AI agent | Github | Live   *April 2025*

- Built a terminal-based AI agent to assist with full-stack project development through contextual understanding of project files.
- Enabled command-line interactions for smooth iterative workflows, including project initialisation, feature scaffolding, and dependency management.
- Implemented intelligent follow-up prompts and automatic execution of install/build commands, simulating an AI coding assistant.

Attendance Management System using QR | Github   *March 2023 - May 2023*

- Developed a web-based Attendance Management System utilising QR code technology, reducing administrative tracking time by 50% and comprehensively eliminating proxy attendance risks.
- Designed an intuitive, multi-role web application with robust QR code authentication, enabling real-time attendance verification for students, instructors, and administrators.
- Engineered secure backend infrastructure to generate, validate, and process unique QR codes, ensuring comprehensive data integrity and preventing fraudulent attendance marking.
- Implemented advanced authentication using JWT tokens, a user-friendly solution that transforms traditional manual attendance tracking methodologies.

TECHNICAL SKILLS

Programming Languages: C++ | Python | JavaScript | JAVA
Frontend Technologies: React.js | Next.js | TypeScript | HTML5 | CSS3 | Tailwind
Databases: PostgreSQL | MongoDB | Prisma
Backend Technologies: FastAPI | Express.js | REST APIs | Websocket
DevOps & Tools: AWS | Git/Github | Docker | Github Actions
AI/LLMs: LangChain | RAG | OpenAI | Gemini | LangGraph

EDUCATION

Master's of Computer Application	7.96 CGPA	*Graphic Era deemed to be university, 2022-2024*
Bachelor's of Computer Application	8.53 CGPA	*Graphic Era deemed to be university, 2019-2022*
12th C.B.S.E	*2017-2018*
10th C.B.S.E	*2015-2016*

CERTIFICATIONS & COURSES

AWS Cloud Quest: Practitioner	Credly	CompTIA Network+ (N10–009)
MTA: Introduction to Programming Using Python	Credly	Fundamentals of Backend Engineering