ASHISH DABRAL

+91 7302238176 | workashishh@gmail.com | Linkedin | Github | Blogs | ashishdabral.in

INTRODUCTION

Full Stack Developer with Hands-on experience in React.js, Express.js, and TypeScript. Proficient in Python and FastAPI, with a keen interest in building scalable, secure, and user-friendly web applications. Passionate about learning new technologies and contributing to open-source. 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.

PERSONAL PROJECTS

LivePoll | Github | Live   *Sept 2025*

- Built a production-ready, real-time polling application using a **Turborepo** monorepo architecture, allowing users to create, share, and vote on polls instantly.
- Implemented **WebSocket** communication for live UI updates and integrated **caching** to minimize database load and significantly improve response latency.
- **Dockerized** the backend services and deployed them to **AWS EC2**, with the frontend hosted on **S3** and distributed globally via **CloudFront CDN** for low-latency access.
- Authored a complete CI/CD pipeline using GitHub Actions to automate testing, image building, and deployment, enhancing productivity and reducing manual errors.
- Ensured high availability and scalability by implementing AWS Elastic Load Balancing to distribute traffic effectively across backend instances, minimizing downtime.

ClassBoard | Github | Live   *Aug 2025*

- Developed a full-stack student dashboard, ClassBoard, allowing users to manage courses, track assignments, and calculate their CGPA.
- Used JSON Web Tokens (JWT) as a secure authentication system to manage user data and sessions.
- Implemented persistent login functionality, enabling a seamless user experience by keeping users logged in across browser refreshes and new sessions.

Mini-cursor AI agent | Github | Demo   *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.

TECHNICAL SKILLS

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

EDUCATION

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

ACHIEVEMENTS & COURSES

AWS Cloud Quest: Practitioner	Credly	Open-source Contributor	Credibility
MTA: Introduction to Programming Using Python	Credly	Fundamentals of Backend Engineering