ASHISH DABRAL

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MCA | Full Stack | DevOps | AWS | C++ | Python | ReactJs | Fresher | 8.0 CGPA

INTRODUCTION

Freshly graduated Full Stack Developer with a strong foundation in React.js, Next.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.

PROJECTS

Thoughtify | Github | Live   *04/2024 - 06/2024*

- Developed a full-stack X-like social media application using Next.js, Firebase, and Vercel, demonstrating end-to-end web development capabilities.
- Optimized application performance by implementing server-side rendering.
- Implemented secure Firebase Authentication with multi-factor login, ensuring robust user experience and data protection.
- Created responsive, cross-platform design supporting seamless user interactions across mobile and desktop environments.

Attendance Management System using QR | Github   *03/2023 - 06/2023*

- Developed a web-based Attendance Management System utilizing 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 protocols to create a scalable, user-friendly solution that transforms traditional manual attendance tracking methodologies.

Messenger | Github   *02/2021 - 06/2021*

- Architected a full-featured chat application using WebSocket technology.
- Developed responsive web application with advanced real-time messaging features, including read receipts, typing indicators, and cross-platform user presence status.
- Implemented robust user authentication and scalable backend infrastructure to support concurrent messaging across multiple devices.

TECHNICAL SKILLS

Programming Languages: C++ | Python | JAVA | Javascript
Frontend Technologies: React.Js | Next.Js | Typescript | HTML5 | CSS3| Tailwind | Bootstrap
Backend Technologies: FastAPI | ExpressJs | REST APIs | Websocket
DevOps & Tools: AWS | Github | Docker

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*

CERTIFICATIONS & COURSES

- AWS Cloud Quest: Practitioner | Credly
- MTA: Introduction to Programming Using Python | Credly
- CompTIA Network+ (N10-009)
- CompTIA Security+
- Ultimate AWS Certified Solutions Architect Associate
- Fundamentals of Backend Engineering,
- Fundamentals of Network Engineering