

Ajay Jain

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EDUCATION

Indian Institute of Information Technology, Vadodara

Dec. 2022 – Dec 2026

B.Tech in Computer Science and Engineering

CPI 8.1

St. Paul Sr. Sec. School

Higher Secondary Education

Class 12 - 96%

TECHNICAL SKILLS

Languages: Javascript, C/C++, Python, Kotlin, Java, HTML/CSS, SQL

Technologies: Express.js, React.js, Redux, MongoDB, SocketIO, Docker, AWS, Git/Github

PROFESSIONAL EXPERIENCE

Software Contracting

Jan 2024 – Present

Full Stack Software Engineer Freelancer

- Developed a Full Stack E-Commerce Application using MERN Stack ensuring high performance, scalability and security for over 1,000 concurrent users.
- Collaborated with client to understand requirements and deliver solutions, achieving a 30% increase in customer engagement.

Joint Secretary, Coding Club

Aug 2023 – Present

IIIT Vadodara

- Helped organize competitive programming contests, overseeing the entire process from problem framing to testing, ensuring seamless execution and high participant engagement.
- Mentored new students during the "Winter Of Code" initiative, helping them get familiar with programming, improve their skills and boost club participation.

PROJECTS

EasyInvoice | *Express.js, React.js, Redux, MongoDB, Docker, AWS*

Github 

- Created a full-stack invoicing application for efficient customer and invoice management. Features include dynamic invoice generation, PDF emailing, and a real-time sales dashboard with overdue statistics.
- Implemented advanced security using token-based authentication with refresh token rotation and custom logging using Morgan and Winston in Node.js.
- Deployed EasyInvoice on AWS EC2, leveraging cloud infrastructure for scalable deployment and ensuring high availability of the application.

Entry Flow | *Express.js, React.js, Redux, MongoDB, DaisyUI*

Github 

- Developed Entry Flow using the MERN stack to streamline hostel entry and exit processes, eliminating the need for manual data entry.
- Integrated QR code scanning to allow guards to efficiently track student movements, enhancing security and reducing administrative overhead.
- Implemented an Express.js backend with MongoDB Atlas using Mongoose, and a responsive front-end with React, DaisyUI, and Tailwind CSS. Implemented clean, modular code for enhanced maintainability and reduced debugging time.

Flow Chat | *Express.js, React.js, Redux, MongoDB, AWS S3*

Github 

- Developed a real-time chat application using the MERN stack, facilitating seamless user communication.
- Implemented Socket.IO for instant messaging capabilities, ensuring real-time user updates and interactions.
- Leveraged AWS S3 for secure and scalable file storage that enables users to share files within chats.

ACHIEVEMENTS

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