RAHUL KESHRI

FULL STACK ENGINEER | MERN | AWS | DOCKER | K8s

Full Stack Software Engineer with 2 years of experience building scalable web apps using the MERN stack, Docker, and AWS. Passionate about crafting clean UI and robust backend APIs, experienced with cloud deployments, CI/CD, and working in agile DevOps environments. Hands-on with AI-integrated developer tools like Cursor and Windsurf.

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WORK EXPERIENCE

SDE I
Magure Inc Pvt Ltd

11/2024 - Present

Achievements

- Spearheaded the **entire frontend development** of an in-house **AI-powered video analytics product** used for real-time surveillance and safety.
- Integrated **multiple AI models** (face detection, fire detection, fall detection, people count, crowd estimation) to visualize live inferences.
- Implemented **WebSocket-based streaming** to display **real-time video feeds with dynamic stats and alerts** .
- Built a **video masking feature** for zone marking, passing metadata to backend for intelligent analysis.
- Containerized frontend with **Docker** , and deployed using **AWS EC2** , **S3** , and **CloudFront** for scalability.
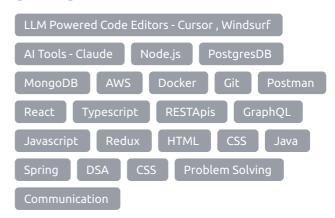- Collaborated cross-functionally with backend and DevOps to ensure secure, high-performance deployment.

Associate Software Engineer
VRIZE

08/2023 - 11/2024

Achievements

- Developed **RESTful APIs** using **Node.js** and **NestJS** , enhancing **backend performance** and **scalability**
- Implemented **file upload** functionality using **AWS S3** for **secure cloud storage**
- Built **authentication and authorization** systems to improve **application security**
- Set up **CI/CD pipelines** and wrote **Docker configurations** for **automated deployments** and **DB migrations**
- Created **reusable backend components** , improving **code efficiency** and **maintainability**
- Collaborated with **DevOps teams** to automate deployments and ensure **smooth product releases**

EDUCATION

Bachelor of Computer Application
Ambikapur

07/2019 - 07/2022

Courses

- Completed a comprehensive course of study in computer science, programming, and software development.
- Developed strong programming skills in languages such as Java, C, and C++, among others.

SKILLS

LLM Powered Code Editors - Cursor , Windsurf

AI Tools - Claude | Node.js | PostgresDB

MongoDB | AWS | Docker | Git | Postman

React | Typescript | RESTApis | GraphQL

Javascript | Redux | HTML | CSS | Java

Spring | DSA | CSS | Problem Solving

Communication

PERSONAL PROJECTS

V-Enjoy: Netflix Clone
- **Full-Stack Web App:** Features comprehensive CRUD operations and multipage Single Page Application (SPA) for dynamic content management.
- **Type Safety:** Utilizes TypeScript to ensure reliable and error-free code.
- **Frontend:** Built with React and Apollo for a responsive and interactive user interface.
- **Backend:** Uses Hasura (BaaS) with GraphQL for efficient data handling and real-time queries.
- **Tech Stack:** React, Apollo, Hasura, GraphQL, TypeScript.
- **Link:** V-Enjoy

Express Guestbook
- **Guestbook Application:** Allows users to leave and view comments, providing a basic interactive feature set.
- **Templating Engine:** Utilizes EJS for dynamic HTML rendering and templating.
- **Backend:** Built with Node.js and Express for handling server-side logic and routing.
- **Scalable Foundation:** Serves as a starting point for developing more complex web applications with Node.js and Express.
- **Tech Stack:** Node.js, Express, EJS.
- **Link:** Express Guestbook

CERTIFICATES

Full Stack Development using React
Certificate

LANGUAGES

Hindi
Full Professional Proficiency

English
Full Professional Proficiency