

Eatha K V V S S Rama Bhagavan

Senior Engineer – IT

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[GitHub](#) | [Portfolio](#) | [Hyderabad, Telangana](#)

Profile

Senior Engineer – IT with 2 years of practical experience delivering digital and technology-driven solutions in the airport domain. Skilled in full-stack development using the MERN stack (MongoDB, ExpressJS, ReactJS, NodeJS), with strong experience in project execution, multi-stakeholder coordination, vendor management, and deployment of operational systems.

Technical Skills

Frontend Development:	HTML5, CSS3, JavaScript (ES6+), ReactJS, Tailwind CSS
Backend Development:	NodeJS, ExpressJS
Database:	MongoDB
Tools & Platforms:	GitHub, VS Code, Postman
Deployment & Cloud:	AWS, Vercel, Render
Testing:	Manual Testing

Professional Experience

Senior Engineer – IT

Aug 2024 – Present

GMR Group, Hyderabad/Nagpur

- QR-Based Washroom Feedback Dashboard:** Engineered a responsive React-based QR feedback system enabling instant passenger submissions; improved UI responsiveness and achieved a 30% reduction in load time.
- Airport Gate Wait-Time & Queue Dashboard:** Developed a real-time React dashboard to visualize queue data, strengthening operational decision-making and reducing congestion response delays.
- Airport Cab Availability Dashboard:** Built a live cab availability interface with optimized rendering and efficient polling, reducing redundant network requests by 35%.
- Pushpak Bus Timetable Dashboard:** Delivered a real-time bus schedule display synchronized with active system clocks, lowering UI lag by 40% and improving accuracy.
- Flight Information Display System (FIDS):** Led the end-to-end deployment of multilingual cloud-hosted FIDS across airport terminals in coordination with AWS, AOCC teams, and external vendors.

Graduate Engineer Trainee – IT

Aug 2023 – Aug 2024

- Supported the testing, validation, and deployment of AI/ML-enabled Airport Operations Centre (AOPC) dashboards for real-time operational and safety analytics.
- Collaborated with developers to integrate computer vision-based alerts (FOD, PPE detection), improving incident identification and response efficiency by 40%.

Personal Projects

AI Resume Builder – AI Resume Generator (MERN + OpenAI + Redux + Tailwind)

Demo: Live Site | YouTube Demo

Developed an AI-powered resume builder that allows users to create, edit, and download resumes dynamically. Integrated OpenAI API for professional summary and job description enhancement, ImageKit for image uploads, and deployed on Render (backend) and Vercel (frontend).

DevTinder – Developer Networking Platform (MERN + AWS + Razorpay + WebSockets)

Demo: YouTube | AWS Public

Developed and deployed a full-stack networking platform with secure authentication, real-time chat using WebSockets, and integrated payment processing via Razorpay.

NetflixGPT – AI-Powered Movie Recommendation App

Demo: NetflixGPT

Built a React + Redux application that uses OpenAI APIs and Firebase Authentication to provide personalized, AI-driven movie recommendations.

YouTube Clone Application

Demo: YouTubeApp

Developed YouTube-like features with React, Redux Toolkit, and TailwindCSS focusing on optimized API usage, UI responsiveness, and caching strategies.

Food Ordering App (Swiggy Clone)

Demo: Food Ordering App

Created a full-stack food ordering platform using React, Redux Toolkit, and APIs for dynamic restaurant listings and real-time menu rendering.

Education

B.Tech Computer Science and Engineering, GMR Institute of Technology 2019–2023 | CGPA: 7.56

Intermediate (MPC), Sri Chaitanya Junior College 2017–2019 | CGPA: 9.28

Secondary School (10th), Sri Chaitanya Techno School 2016–2017 | CGPA: 10.0

Certifications

- Build Your Own Static Website
- Build Your Own Responsive Website
- Programming Foundations with Python
- Introduction to Databases
- Version Control Foundation
- Namaste JavaScript
- Namaste React
- Namaste NodeJS

Interests

Playing badminton, Photography

Languages

English (Fluent) | Telugu (Native) | Hindi (Intermediate)