




Eatha K V V S S Rama Bhagavan

Senior Engineer – IT

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Profile

Senior Engineer – IT with 2 years of experience delivering technology-driven projects in the airport domain. Skilled in full stack web development using the MERN stack (MongoDB, ExpressJS, ReactJS, NodeJS) and experienced in leading project execution, vendor coordination, and digital solution deployment across multiple stakeholders.

Technical Skills

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

Professional Experience

Senior Engineer – IT

Aug 2024 – Present

GMR Group, Hyderabad/Nagpur

- **QR-Based Washroom Feedback Dashboard:** Developed a responsive React-based feedback system allowing passengers to scan QR codes for instant feedback, optimizing UI performance and reducing load time by 30%.
- **Airport Gate Wait-Time & Queue Dashboard:** Built a live React dashboard fetching real-time queue data, improving operational decision-making and reducing congestion response time.
- **Airport Cab Availability Dashboard:** Designed a React-based live monitoring app for cab availability with optimized rendering, cutting network calls by 35%.
- **Pushpak Bus Timetable Dashboard:** Created real-time bus schedule display synchronized with live clocks, reducing UI lag by 40%.
- **Flight Information Display System (FIDS):** Led end-to-end implementation coordinating with AWS, AOCC, and vendors to deliver multilingual cloud-hosted FIDS across terminals.

Graduate Engineer Trainee – IT

Aug 2023 – Aug 2024

- Coordinated testing and deployment of AI/ML-powered Airport Operations Centre (APOC) dashboards for real-time safety and operational analytics.
- Collaborated with developers to implement computer vision-based alerts (FOD, PPE detection), reducing incident response time by 40%.

Personal Projects

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, and payment integration using Razorpay.

NetflixGPT – AI-Powered Movie Recommendation App

Demo: [NetflixGPT](#)

Built a React + Redux application with AI-powered recommendations using OpenAI APIs and Firebase Authentication.

YouTube Clone Application

Demo: [YouTubeApp](#)

Developed core YouTube features with React, Redux Toolkit, and TailwindCSS focusing on caching, API optimization, and responsive UI.

Food Ordering App (Swiggy Clone)

Demo: [Food Ordering App](#)

Created a full-stack food ordering web app using React, Redux Toolkit, and APIs for dynamic restaurant and menu management.

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)