

Rahul Reddy Kattegummula

Full Stack Developer

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LinkedIn | GitHub | Portfolio | LeetCode

Education

Malla Reddy College of Engineering (MRCE)

Bachelor of Technology in Computer Science and Engineering

Aug 2024 – May 2028

CGPA: 8.70/10.00

Technical Skills

Languages: JavaScript, Java, SQL

Frontend: React, Vite, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication, Passport.js, Google OAuth, Socket.io

Databases: MongoDB, PostgreSQL, Prisma ORM, Mongoose

Tools: Git, GitHub, Docker, Postman, Swagger/OpenAPI, Render, Vercel, Redis, BullMQ

Projects

Resume Optimizer AI

GitHub | Demo

React • Node.js • PostgreSQL • Prisma • Redis

- Developed a full-stack AI resume optimization platform enabling ATS scoring, keyword matching, resume rewriting, and personalized cover-letter generation using Gemini AI.
- Built a responsive React frontend with protected routes, reusable UI components, and real-time analysis tracking using Socket.io.
- Engineered scalable Express.js REST APIs with PostgreSQL, Prisma ORM, BullMQ, Redis, JWT authentication, and Google OAuth.
- Deployed production-ready frontend and backend using Docker, Vercel, Render, Neon PostgreSQL, and Upstash Redis.

QuickBlog AI

GitHub | Demo

React • Express.js • MongoDB • Gemini AI

- Developed a MERN-based blogging platform featuring responsive UI, AI-assisted content generation, secure authentication, and complete blog management.
- Built reusable React components, dynamic routing, and responsive layouts with Tailwind CSS and REST API integration.
- Designed Express.js APIs supporting JWT authentication, CRUD operations, ImageKit media uploads, and comment moderation.
- Integrated Gemini AI for SEO-friendly content generation and deployed the application using Vercel and Render.

Local Freelance Job Platform

GitHub | Demo

React • Node.js • MongoDB • JWT

- Developed a MERN-based freelance marketplace connecting students with local businesses through secure gig posting and application workflows.
- Built responsive React interfaces integrated with Express.js REST APIs supporting JWT authentication, Google OAuth, pagination, filtering, and search.
- Deployed production-ready frontend and backend on Vercel and Render with centralized error handling, Helmet security, and Swagger documentation.

Achievements & Leadership

2nd Place – Internal Smart India Hackathon (SIH) 2025

Developed **WasteWins**, an IoT-enabled waste-to-energy platform focused on renewable energy generation and sustainability.

1st Place – Academic Excellence (First Year, First Semester)

Secured an SGPA of **8.8** and ranked first in the Department of Humanities & Sciences at MRCE.