YELATI AKHIL SAI

MERN Stack Developer | Full-Stack Developer

Hyderabad, Telangana | Mobile: 9381312371 | Email: yelatiakhilsai@gmail.com

LinkedIn: linkedin.com/in/yelati-akhil-sai-5b3434267 | GitHub: github.com/Code-Akhilsai | Portfolio: akhilsai.me

PROFESSIONAL SUMMARY

MERN Stack Developer with hands-on experience building and deploying full-stack web applications. Developed RoleFlux, a production-ready job aggregation platform featuring AI-powered resume analysis using Gemini API, Redis caching, JWT authentication, and Firebase Authentication. Delivered FoodFeast as a freelance client project for a restaurant. Proficient in React.js, Node.js, Express.js, MongoDB, Redis, Tailwind CSS, Firebase, and REST API development.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3
Backend: Node.js, Express.js, REST APIs, JWT Authentication
AI: Generative AI, Gemini API Integration
Cloud & Deployment: Oracle Cloud, Render, Netlify, Railway, Vercel
Frontend: React.js, Tailwind CSS, Zustand
Databases: MongoDB, Redis
Tools: Git, GitHub, Firebase, Postman, Docker, Vite
Concepts: Component Architecture, Responsive Design

PROJECTS

RoleFlux — Job Aggregation & AI Resume Analysis Platform
Technologies: React.js, Node.js, Express.js, MongoDB, Redis, Firebase Authentication, Gemini API, Resend, Tailwind CSS

- Developed a full-stack job aggregation platform that aggregates job listings from multiple sources through a unified search interface with intelligent search and filtering.
- Optimized backend performance using Redis caching with a 3-day TTL, significantly reducing repeated API requests and improving response times.
- Built an AI-powered resume analysis feature using the Gemini API to evaluate uploaded resumes, generate ATS compatibility scores, and provide personalized improvement suggestions.
- Implemented secure JWT and Firebase Authentication, email verification with Resend, and deployed the application on Render (backend) and Netlify (frontend).

CyberShield AI — Generative AI Cyber Threat Detection Platform
Technologies: React.js, Firebase, GAN + Transformer Model, Railway, Netlify

- Built real-time cyber threat detection dashboard for IoT network traffic analysis
- Implemented CSV dataset upload and live attack score visualization using charts
- Integrated GAN + Transformer model for multi-class attack detection across IoT networks
- Deployed AI model on Railway and frontend on Netlify

FoodFeast — Freelance Client Project (Food Ordering Web Application)
Technologies: React.js, Tailwind CSS, Zustand, Firebase

- Developed and delivered a food ordering web application for a client restaurant based on real-world business requirements
- Built an admin dashboard for managing menu items, customer orders, sales tracking, billing operations, and token generation
- Implemented food browsing, menu listing, and order placement features using reusable React components and Firebase
- Designed a responsive user interface ensuring a seamless experience across desktop, tablet, and mobile devices; deployed at foodfeast.in

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Keshav Memorial College of Engineering, Ibrahimpatnam, Telangana
August 2024 — Present (Ongoing)

Diploma in Cloud Computing and Big Data — CGPA: 9.14 / 10
Government Institute of Electronics, Secunderabad, Telangana
August 2021 — May 2024

Secondary School Certificate (SSC) — CGPA: 10 / 10
Z.P High School, Armoor, Telangana
March 2020

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 AI Foundations Associate

MERN Stack / Full Stack Web Development — GeeksforGeeks

React.js — Scaler