Girish Chalumuri

Senior Full Stack Developer

+91 7893797547 — girishchalumuri@gmail.com — Portfolio — Github

Work Experience

Yashoda Hospitals — Full Stack Developer   2024 – 2025

Improved backend performance to handle **200,000+ requests per second** and built secure **RBAC** modules across enterprise healthcare platforms. Migrated **Oracle to PostgreSQL**, implemented **CI/CD pipelines**, and optimized database performance.

Integrated **AI-driven prescription automation workflows** using LLM APIs to assist doctors with faster report generation and medication suggestions. Leveraged **Cursor AI-powered IDE** to accelerate feature delivery, refactoring cycles, and code quality improvements across microservices.

Netenrich — Software Engineer   2023 – 2024

Built a production-grade **Generative AI platform** using **ReactJS**, **LangChain**, and **GCP Cloud Functions** enabling automated SOC workflows and AI-assisted security analysis.

Designed scalable authentication and enterprise SSO integrations using **Auth0**, **OKTA**, **SAML**, and **ADFS**. Reduced customer onboarding time from **14 days to 2 days**.

Used **Cursor AI tooling** extensively to prototype AI pipelines faster, optimize prompt engineering workflows, and refactor complex frontend components with improved development velocity.

Kloudportal — Associate Software Developer (Consultant - Netenrich)   2019 – 2022

Built a **multi-tenant onboarding automation platform** for Netenrich using **NodeJS**, **ReactJS** and **PostgreSQL**. Developed account provisioning pipelines for **Google Chronicle**, subscription lifecycle management, and customer activation workflows.

Core Skills

FrontEnd:	NextJS/ReactJS with TailwindCSS, SSR, scalable UI patterns, component-driven architecture, and modern state management.
Backend:	REST APIs, microservices, production-grade server modules using **NestJS/ExpressJS** with **MongoDB** and PostgreSQL.
Database:	Schema design, performance optimization, migrations using **PostgreSQL** and **MongoDB**.
Auth:	SSO and authentication flows with **Auth0**, **Clerk**, and **BetterAuth**.
AI Systems:	LLM pipelines, agent workflows, prompt engineering and production AI integrations using **LangChain**, **OpenAI**, and **Gemini SDKs**.
CI/CD:	Deployments using **Railway**, **Vercel**, and automated workflows via **GitHub Actions**.

Future Endeavours

I aim to contribute to a product-driven organisation where I can build **scalable**, **high-performance**, and **cost-efficient** systems. I am particularly interested in **AI-native platforms**, automation-first architectures, and data-centric engineering products with strong reliability standards.

Education

B.Tech, Chemical Engineering
Indian Institute of Technology (IIT) Guwahati   2015 – 2019

Certifications

HackerRank