

Ganesh Kumar Alamuri

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in Ganeshkumar Alamuri

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Education

Anil Neerukonda Institute of Technology and Sciences
B.Tech in Computer Science - CGPA: 8.62

2018 - 2022

Experience

Deloitte USI

Analyst

Hyderabad, India

Jan 2023 – Present

- Developed a MERN Stack application to automate processes such as application onboarding, migration and privileged account management.
- Achieved a **reduction in manual effort by 30%** and saved over **200 hours monthly**.
- Collaborated with a team of **10** members to deliver **15+** enhancements monthly.
- Conducted root cause analysis, **resolving issues** with a **95% success rate**.
- Decomposed complex code into smaller tasks, improving **efficiency by 30%**.
- Conducted data validation and quality checks, ensuring **99% accuracy** in analysis.

Projects

The Placement Park – Recruitment CRM & ATS Web Application (Freelance)

Tech Stack: **React.js**, **Redux Toolkit**, **MUI**, **Axios**, **Node.js**, **Express.js**, **MongoDB**, **JWT**, **Render**

- Built a responsive and dynamic frontend using **React.js**, **Redux Toolkit** for state management, **React Router**, and **Material UI** components, integrated with **AG Grid** for advanced data table functionality.
- Enabled secure authentication and role-based access using **JWT**, **bcryptjs**, and **express-rate-limit**, safeguarding sensitive recruitment data and developed robust RESTful APIs with **Express.js**, validated inputs using **Joi**.
- Applied security best practices using **CORS**, and **XSS-clean**, ensuring backend resilience and data protection.
- Used **Mongoose** for efficient MongoDB data modeling and **dotenv** for environment-based configuration across deployments.
- The complete solution was hosted on **Render**, delivering a production-ready internal platform with high availability and maintainability.

AGK Store – Full-Stack E-commerce Platform

Tech Stack: **Next.js**, **React**, **TypeScript**, **Tailwind CSS**, **Prisma**, **Stripe**, **Clerk**, **Supabase**

- Engineered a modern e-commerce app using **Next.js 14** with both SSR and SSG, delivering fast, SEO-optimized pages.
- Integrated secure checkout with **Stripe**, enabling seamless payment handling and real-time transaction feedback.
- Implemented user authentication and authorization using **Clerk**, securing access and enhancing the user experience.
- Designed a responsive, accessible UI using **Tailwind CSS** and **Radix UI primitives**, ensuring consistency across devices.
- Built scalable data models with **Prisma ORM**, streamlining backend logic and improving developer productivity.
- Validated and sanitized user input using **Zod**, ensuring type safety and robust API interactions and deployed on **Vercel** with CI/CD pipelines and edge delivery for global performance.

Technologies

Languages: Python, C/C++, JavaScript, TypeScript, MySQL, MERN Stack, Tailwind, Java(Basics)

Technologies/Tools: Web Development, AI Enthusiast, Git, GitHub, ServiceNow, Jira, Excel, GCP (Basics)

Interests

Coding, Cricket, Badminton, Anime

Achievements

Solved the **250+** **Leetcode** and **HackerRank** problems. Max Rating of **1670** in Leetcode

Languages

English, Hindi, Telugu (Native), Japanese (Learning)