

Rajesh

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Experience

React Full-Stack Developer Intern

09/2024 - Present

- Developed and optimized a responsive web application targeting students, leveraging the MERN stack and MySQL database, serving over 1,000 active users monthly.
- Implemented JWT-based authentication for secure user access and utilized Redux Toolkit for efficient client-side caching, improving page load times by 40%.
- Designed and deployed a hierarchy-based data model to enhance database efficiency and scalability, reducing query response time by 25%.
- Created a dedicated admin dashboard for streamlined data management and operational insights, enhancing workflow efficiency by 50%.
- Improved web visibility through SEO best practices, including sitemap.xml integration and Google Search Console registration, resulting in a 30% increase in site traffic.
- Gained hands-on experience in domain configuration and deployment, ensuring 99.9% uptime and positive feedback from users.

Admin Dashboard Full-Stack Application

([Visit](#))([Repository](#))

- Designed and developed a robust REST API using Express.js and Prisma ORM, enabling seamless CRUD operations for managing user and admin data.
- Integrated JWT authentication and Google OAuth for secure and reliable user access, reducing unauthorised login attempts by 40%.
- Optimised database queries with Prisma, decreasing average response time by 35%.
- Streamlined image storage by integrating Firebase Storage, ensuring fast and reliable access to media assets with 99.8% uptime.
- Implemented Stripe payment gateway for secure transactions, processing over 50 payment requests with zero errors during testing.

Skills

Languages: JavaScript, Python, Java, TypeScript

Frontend Technologies: React.js, Material-UI (v5+), Redux, Context API, React Router

Backend Technologies: Node.js, Express.js, Django

Tools: Git, GitHub, SEO optimization, CI/CD pipelines (GitHub Actions)

Databases : MySQL, MongoDB

Key Achievements

- Deployed a production-ready startup web application with custom domain registration and optimization, driving a **25% increase in traffic**.
- Spearheaded SEO configurations, improving **search engine rankings** by 20%.

Education

Anna University

(2022 - 2024)

Master of Computer Application

CGPA - 8.9