

Venu Gopala Raju Makaraju

Software Development Engineer

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Summary

Front-End Developer with **2 years of experience** in **ReactJS, React Native, JavaScript, JSON, Node.js, and MySQL**. Skilled in **process automation, and performance optimization**, ensuring seamless integration across interfaces. Adept at **collaborating with stakeholders, leveraging data-driven decisions, and driving scalable solutions** in a global operations environment.

Skills

Frontend: HTML, CSS, JavaScript, React.js, React Native.

Backend: Node.js, Express.js.

Database: SQL, MongoDB.

Tools & Platforms: Git, Postman, Figma, Strapi (CMS), HRMS, Android Studio, Lucid Charts.

Experience

Software Development Engineer, Aspire Infolabs Global Pvt Ltd

- **Mobile & Web Development:** Built and deployed 4 cross-platform mobile apps (3 React Native, 1 Expo) and 2 websites, from concept to production.
- **JavaScript & JSON Optimization:** Streamlined data handling by 30% through efficient JavaScript coding practices and JSON-based data structures.
- **SQL & NoSQL Database Management:** Designed and optimized SQL queries for data retrieval and performance tuning, and utilized Mongoose for NoSQL data modeling.
- **Process Automation:** Automated key business workflows, boosting operational efficiency by 25% and reducing manual overhead.
- **API Integration & Stakeholder Alignment:** Integrated RESTful APIs and coordinated with cross-functional teams to achieve a 40% reduction in processing times and align deliverables with business goals.

Projects

Happily Health (Health and Wellness Mobile App) [Link](#)

- Overhauled the app's UI in a major update, delivering a modern design and improved user experience.
- Implemented a city selection feature using the Google Maps API for seamless location-based functionality.
- Developed a chat feature to enhance real-time communication and user engagement within the app.
- Debugged and optimized critical health-tracking integrations with Google, ensuring accurate data synchronization.
- Created dynamic user assessment reports in HTML to provide personalized insights.
- Configured and maintained backend cron jobs for automated task scheduling, improving system reliability.
- Integrated payment gateway functionality, including a coupon-based discount system for limited usage scenarios.

Aspire Website [Link](#)

- Built a static website from scratch using React for the frontend, integrating the Sanity CMS to enable content management without a dedicated backend.
- Developed reusable components for a modular architecture, making the solution developer-friendly and scalable.
- Empowered the HR team to perform full CRUD operations (create, read, update, delete) in the CMS without needing any coding experience.
- Applied GitHub tagging for version control, ensuring clear deployment stages and facilitating roll-backs.
- Set up automated email replies to enhance communication and streamline user interactions.
- Deployed the site on Netlify for cost-effective hosting and seamless continuous integration.

MYCLNQ (Healthcare App) [Link](#)

- Developed two interconnected mobile applications, **MYCLNQ Provider** and **MYCLNQ**, to address comprehensive family healthcare needs.
- Enabled doctors to register availability, manage detailed profiles, and schedule appointments in the **Provider** app.
- Implemented step-count tracking, sleep-hour monitoring, and a rewards progress bar in the **Patient** app, driving user engagement.
- Worked on video call, telecall, and house-call features with configurable filters, helping patients find the right doctor.
- Built a map-based appointment system for clinic visits, simplifying the process of locating nearby providers.
- Added multi-language localization for a personalized experience and collaborated on integrating Google Health Connect and the MyCLNQ Pulse Smartwatch for seamless data sync.

Mentoring and Training Experience

- Mentored 300+ students on web development technologies, focusing on hands-on learning with real-world projects.
- Trained 160 faculty members on modern web technologies, enhancing their teaching methodologies and technical expertise.

Certifications

Certified in Angular, Bootstrap 4, JavaScript, and UX Design (Infosys Springboard Portal).

Education

Bachelor of Technology in Civil Engineering NRI Institute of Technology	2022
Intermediate Narayana Junior College	2018