VANGARI RAHUL

SDE

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Profile Summary

Results-driven Senior Software Engineer around 5 years of experience building and scaling data-intensive, enterprise-grade web platforms. Strong expertise in Node.js backend development, RESTful API design, and MySQL-based data modeling for financial reporting and cost management systems. Proven track record in modernizing legacy applications (Vue 2 → Vue 3), improving system performance, and ensuring zero-downtime production releases. Adept at designing clean frontend–backend contracts, optimizing end-to-end performance, and collaborating closely with product, QA, and backend teams to deliver reliable, scalable solutions. Brings solid frontend depth (Vue.js, Nuxt.js, React, TypeScript) with an engineering-first mindset focused on system design, maintainability, and business impact.

Professional Skills

- Frontend development: JavaScript (ES6+), Vue.js (2 & 3), Vuex, React JS, Nuxt.js, HTML5, Tailwind CSS, Element Plus, Bootstrap, Developed reusable and modular frontend components for scalable systems
- Backend & Database: Node.js, MySQL, RESTful API Integration, Query Optimization
- Database Proficiency: Schema design, normalization, indexing, and performance tuning
- Version Control & Methodologies: Git, GitHub, Agile/Scrum methodologies, CI/CD (GitHub Actions)
- Technical Leadership: Led and mentored teams, defined architecture, and managed sprint deliverables
- Data & Reporting Tools: AG Grid, Chart.js
- Collaboration: Strong communicator with proven cross-functional team coordination skills
- Other: Ionic Vue, Performance Optimization, Vite, Webpack, Jest
- Documentation & QA: Authored technical documentation and reduced defects via proactive Jest test reviews.

Work Experience

Revolution Entertainment Services   SDE - I   *Oct 2023 – Present*

- Developed and maintained Cost Report, a core financial analytics module tracking budgets, variances, and expenses across multiple projects.
- Led the migration from Vue 2 to Vue 3, managing dependency upgrades (Element Plus, AG Grid, Webpack, Tailwind) and resolving cross-application compatibility issues.
- Upgraded build configuration and package architecture to ensure smooth deployment pipelines post-migration.
- Integrated and customized the Sigma client built on the rest-resource library, streamlining RESTful data handling and improving request efficiency.
- Built and maintained Node.js (Express) APIs to support frontend requirements, handling business logic, data aggregation, and API orchestration.
- Designed and optimized MySQL schemas and queries, improving data retrieval performance for reporting and analytics use cases.
- Collaborated closely with backend services to ensure API versioning consistency, data integrity, and optimized SQL queries during feature rollouts and migrations.
- Enhanced application performance through code splitting, caching strategies, optimized Vue 3 reactivity, and reduced redundant state logic.
- Implemented responsive and accessible UIs aligned with WCAG standards using a Tailwind-based design system.

  Key Achievements:

- Successfully migrated a core production application from Vue 2 to Vue 3 with zero downtime.
- Improved page operation times by 30% through optimized state management and simplified frontend logic.
- Recognized for driving frontend modernization, performance improvements, and effective frontend–backend integration using Node.js and MySQL.

- Led development of multiple SaaS applications from scratch using Vue.js, Nuxt.js and React js, collaborating closely with product and backend teams.
- Developed modular components and ensured maintainable, reusable architectures across projects.
- Integrated frontend applications with Node.js and MySQL-backed services, aligning API contracts, optimizing payloads, and reducing redundant client-side processing.
- Followed Agile methodologies with active participation in sprint planning, stand-ups, and retrospectives.
- Analyzed project requirements and transformed them into actionable technical tasks and architecture blueprints.
- Fostered collaboration with QA teams and Business Analysts for smooth and timely delivery.
- Diagnosed and resolved complex software issues, authored detailed bug reports, and contributed to process efficiency.
- Conducted code reviews across frontend and backend codebases, enforcing coding standards, reusability, and maintainability.
- Led and coordinated software engineering teams, ensuring milestone delivery, SDLC adherence, and technical quality across releases.

   Key Achievements:

- Delivered 6 production applications from concept to deployment with high code reusability.
- Reduced defect rate by 20% through proactive QA collaboration and structured code reviews.
- Improved developer efficiency by introducing CI/CD and reusable component libraries.

Projects

At **Revolution Entertainment Services**, I contributed to **ProBooks**, a comprehensive production accounting platform designed for managing financial operations and cost tracking across projects. My primary focus was on developing and maintaining the financial analytics which aggregates all production-related expenses, forecasts, budgets, and variances. I engineered dynamic **AG Grid**-based tables for real-time analysis, implemented data aggregation layers to handle large financial datasets efficiently, and optimized rendering performance through modular component architecture. I also led the migration from **Vue 2** to **Vue 3**, ensuring smooth transition across dependencies like Element Plus using webpack and vue compat, and integrated the rest-resource package to streamline API communication and improve data consistency, caching and API reliability as a stand-alone project.

During my tenure at **Mantra Technologies**, I played a key role in developing and maintaining major SaaS applications, which are **OutReachly, ConvertPath, SiteRecording, Finder.io, Leadsly, and Projectsly**. For OutReachly, I developed end-to-end UI architecture using **Vue.js** for automated LinkedIn, Email, and WhatsApp campaigns. In ConvertPath, I built real-time personalization and ad management features, similar to GTM, enabling tailored content delivery based on visitor behavior. SiteRecording was a user activity analytics tool for capturing and replaying sessions using the rerecorder package, for which I also developed an integrated browser extension in **React JS** to extend tracking functionality. Finder.io and Leadsly were B2B intelligence platforms where I built responsive UIs for prospect and company search using **NuxtJS**

Across projects, I contributed to architecture planning, API integrations, performance optimization, and cross-team collaboration, delivering scalable and maintainable codebases. My biggest career strength is the ability to own and build the entire frontend system from scratch as a solo UI developer, while also being a strong and effective team player.

Awards

Revolution Entertainment Services: Overall Best Employee (2024), Recognized by the CTO for resolving a critical production issue, minimizing user impact.
Mantra Technologies Pvt. Ltd: Most Innovative Employer of the Year (2023)

Education

Bachelor of Technology (Computer Science) - Geethanjali college of engineering   CGPA - 6.3   *2015 – 2019*