

Rijen Manandhar

Software Engineer

✉ rijenmdr47@gmail.com | 📞 9813103122 | 🌐 github.com/rijenmdr | linkedin.com/in/rijenmanandhar

SUMMARY

Full-stack Software Engineer with 4+ years of experience designing and delivering scalable web applications across SaaS, e-commerce, and enterprise domains. Proficient in React, Next.js, Node.js, and AWS, with hands-on experience in cloud infrastructure, performance monitoring, and test-driven development. Proven track record of improving system performance, leading frontend migrations, and shipping high-quality features in Agile environments.

SKILLS

Languages: JavaScript, TypeScript, PHP, SQL

Frontend: React.js, Next.js, React Native, Vue.js, HTML5, CSS3, TailwindCSS, Material UI, Ant Design, Mantine, Reactstrap, Bootstrap, shadcn/ui

Backend: Node.js, Express.js, Laravel, REST API, GraphQL, Apollo GraphQL

Databases: MongoDB, MySQL, PostgreSQL, Amazon DynamoDB

State Management: Redux, Redux Toolkit, Redux Saga, Zustand, React Query, Apollo GraphQL, SWR

Cloud & DevOps: AWS (Lambda, Secrets Manager, S3, CloudFormation, DynamoDB), Docker, Git, Nginx, DigitalOcean

Monitoring & Observability: Datadog, Sentry

Testing & Documentation: Jest, Vitest

WORK EXPERIENCE

Insight Workshop (Extra Space Storage), Utah, USA

Mar 2025 – Present

Software Engineer

- Participated in on-call rotations to monitor, triage, and resolve production incidents, maintaining high system availability and minimizing customer-facing downtime.
- Conducted and led code reviews to enforce engineering standards, improve code quality, and promote best practices across a cross-functional team.
- Adopted Test-Driven Development (TDD) using Jest and Vitest, increasing test coverage and reducing production regression bugs.
- Authored and maintained internal whitepaper documentation covering system architecture, technical decisions, and onboarding processes to improve team knowledge sharing.
- Automated AWS Secrets Manager credential rotation for database and API keys, reducing the risk of long-lived credential exposure and improving overall security posture.
- Developed and deployed event-driven serverless functions using AWS Lambda, reducing infrastructure overhead and improving backend scalability.
- Integrated Datadog APM, log management, and alerting dashboards, enabling faster root cause analysis and proactive incident detection.
- *Tech: React.js, Express.js, AWS Lambda, AWS Secrets Manager, AWS S3, Amazon DynamoDB, Datadog, SWR, Zustand*

Contract, Netherlands

Jan 2025 – Jan 2026

Contract Software Developer

- Led full frontend migration from Vue.js to Next.js, improving application performance, SEO visibility, and long-term maintainability.
- Architected and developed a recurring invoice service, automating billing cycles and reducing manual invoicing overhead for end users.
- Engineered a draggable, fully customizable proposal creation feature using a drag-and-drop interface, enabling users to dynamically arrange and personalize proposal layouts.
- *Tech: Next.js, TailwindCSS, Express.js, PostgreSQL, shadcn/ui*

Software Engineer

- Refactored and optimized legacy codebase, improving overall system performance and scalability by 80%.
- Integrated Google Analytics for real-time usage tracking, enabling data-driven product decisions that improved user retention by 50%.
- Integrated Google Maps API to enable accurate user location tracking, optimizing delivery workflows and service accuracy.
- Delivered features consistently in an Agile Scrum environment through active participation in sprint planning, stand-ups, and peer code reviews.
- *Tech: JavaScript, TypeScript, React.js, Next.js, Express.js, MongoDB, TailwindCSS, Ant Design, Material UI, React Query, Redux Toolkit, Zustand, Apollo GraphQL*

Silk Innovation, Lalitpur

Jul 2021 – Oct 2022

Frontend Developer

- Built and maintained UI for payment gateway services, facilitating secure and efficient financial transactions across web applications.
- Redesigned the mobile application UI from scratch using React Native, improving user accessibility and overall experience by 40%.
- Integrated multiple third-party payment providers, enabling users to complete secure transactions through streamlined web interfaces.
- Contributed to an Agile Scrum team, consistently delivering features on time through active participation in sprints, stand-ups, and retrospectives.
- *Tech: React.js, React Native, Reactstrap, Bootstrap, Redux, Redux Saga*

EDUCATION**Tribhuvan University – National College of Computer Studies**

2016 – 2021

BSc. Computer Science and Information Technology

Relevant Coursework: Object Oriented Programming, Data Structures & Algorithms, Databases, Web Technology.

PROJECTS

- **Saishinden (2026):** Japanese e-commerce and event management platform integrating LLM-powered dynamic language translation (Google Gemini) to deliver seamless multilingual experiences for domestic and international users. | *Next.js, Laravel, React.js, Google Gemini API*
- **Sponsorvista (2025):** SaaS platform for sponsor relationship management featuring a drag-and-drop proposal builder and automated recurring invoice service to streamline sponsor acquisition workflows. | *Next.js, Express.js, TailwindCSS, shadcn/ui, PostgreSQL*
- **Meromoto (2024):** SEO-optimised vehicle listing platform enabling users to browse and contact dealers for new and used vehicles. Integrated Google Analytics for traffic monitoring and user behaviour analysis. | *Next.js, Mantine, Docker, NextAuth*