

Naoya Ishizaka

Intermediate Front-End Developer

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Skills

Languages: TypeScript, JavaScript, HTML, CSS, Node.js, Python

Technologies: React.js, Next.js, Vue.js, Nuxt.js, Redux, Vuex, Vitest, AWS, REST API, GraphQL

Experience

Front-End Developer | StudyPocket Inc

December 2024 – Present

- Rebuilt a generative AI support platform for education by replacing a BaaS architecture with a custom REST API and developing a new Next.js app, successfully launching across approximately 100 institutions on schedule for the new academic year with scalable infrastructure
- Modularized API logic into reusable custom hooks to enable type-safe communication and cleanly separate it from the UI layer, improving development efficiency
- Built a role-based user management dashboard for four user types, collaborating with backend engineers while leading frontend development, enabling clients to manage post-contract setup independently and significantly reducing internal operational workload

Front-End Developer | Signite Inc

February 2024 – December 2024

- Reduced mobile user bounce rates by 16% by replacing the app with a mobile-first design system in close collaboration with designers and optimizing performance using Next.js
- Redesigned the data fetching architecture in Server Components and introduced the DataLoader library, resulting in a 28% reduction in initial load time during peak hours
- Integrated third-party authentication with AWS Cognito, streamlining login processes, with over 60% of new users adopting this method

Full-Stack Developer | TDC SOFT Inc

September 2023 – September 2024

- Implemented automated tests in the CI pipeline during pull requests, eliminating the need for manual test execution and preventing test errors in the development environment
- Mentored a junior developer with differing methodologies through code reviews to ensure alignment with coding standards and best practices
- Implemented a classroom creation and management feature as part of a new SSO platform, resolving account fragmentation issues faced by educational apps with over 3 million MAU
- Developed the frontend for an MVP from scratch for real-time monitoring, detection, and notification of equipment anomalies using artificial intelligence, completing development on schedule and enabling expedited field testing and efficient feedback collection from test users
- Developed an internal Jira extension from scratch that visualizes sprint-based metrics in graphs and conducted product evangelism, resulting in its adoption across over 60 projects

Full-Stack Developer | Winoo Inc

May 2020 – August 2022

- Implemented an Role-Based User Management System from backend to frontend for an analytics application, reducing manual workload for administrators
- Engineered a dynamic dashboard with drag-and-drop functionality, allowing users to focus on the analytics they need and delivering a more user-friendly and highly personalized interface
- Refactored the codebase using Flux and Atomic Design principles, building reusable components to streamline future development while improving reusability and readability
- Migrated a JavaScript codebase to TypeScript and introduced automated type generation from GraphQL schemas, eliminating the need for manual type annotations and data inconsistencies