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Nozomi Iida

Sydney, Australia

Software Engineer

WORK EXPERIENCE

Freelance   Tokyo, Japan

Frontend Engineer   Nov 2022 - Mai 2023

- Developed responsive and reusable UI with Next.js and ChakraUI
- Designed and implemented a database schema with integral relationships. To enhance user privacy, switched ID format from sequential numbers to UUIDs.
- Introduced graphql-codegen to automatically reflect backend changes in the frontend to improve development efficiency and reduce bugs.
- Introduced end-to-end (e2e) testing using Playwright to prevent major bugs.
- Collaborated with another frontend engineer to build an app from scratch using Hasura and Next.js, and released it in 3 months.

SIMULA.Labs   Tokyo, Japan

Full Stack Engineer   Nov 2020 - Nov 2022

- Created and maintained a UI component library as a private package with CI configuration to publish updates automatically.
- Introduced OpenAPI for schema-driven development to remove misalignment of backend and frontend.
- Created a codegen library to automatically create connection functions from Open API to React(Typescript) and model type to decrease bugs around APIs.
- Set up that can automatically add icons made with Figma to the UI library, when the designer made original icons.
- Set up a process to automate icon updates that will create PR with latest changes from Figma using Github Actions.
- Improved code reuse cross projects using npm v7 workspace.
- Introduced React Query and migrated all existing network request codes to use it.
- Migrated from Webpack to Vite. The time from changing the source code to being reflected in the browser became almost 0, which led to an improvement in development speed.

TECHNICAL SKILLS

Frontend Tech Stack: JavaScript, Typescript, React, Vue, Next.js, Webpack, Vite, ChakraUI, TailwindCSS, Apollo Client, TanStack Query

Backend Tech Stack: OpenAPI, Node.js, Ruby on Rails, MySQL, Hasura, Docker, Terraform, PostgreSQL, GraphQL, RESTful APIs

Others Figma, AWS

EDUCATION

Meiji Gakuin University   Apr 2017 - Mar 2021

Economics