

Ryan Cho, Frontend Engineer

Portfolio: ryanch0.dev, Phone: +82 10-8209-9297, Email: ryan@ryanch0.dev

PROFILE

Location: Suwon, Korea (Relocating to Burnaby, BC on March 18, 2026)

EMPLOYMENT HISTORY

Oct 2024 – Present	Frontend-Engineer, Zium Knowledge Service Naver Financial - Employee Welfare Platform (Frontend Lead) <i>Jan 2025 – Present</i> <ul style="list-style-type: none">Led frontend architecture design and implementation using React Router Data APIs for a scalable Single Page Application.Designed a custom error handling framework between BFF and frontend, enabling contextual, modal, and page-level recovery aligned with UX requirements.Improved application performance through lazy loading, request deduplication, and optimized React compiler usage.Developed complex validation workflows with React Hook Form and Zod, including file signature verification for secure uploads.Enhanced production observability and security with Sentry integration and hidden sourcemaps via Vite build pipelines.Automated API type generation with Swagger TypeScript API, improving developer productivity and backend integration consistency.Reduced production bundle size by 30% through dynamic imports, excluding mock and development-only modules.Introduced Canary dark-release deployment strategy for safer QA and progressive rollouts, replacing legacy Blue/Green approach. Naver Financial - Customer Inquiry Portal (Frontend Development, Sub Project) <i>Oct 2024 – Jan 2025</i> <ul style="list-style-type: none">Built the customer inquiry page and customized the Ant Design DatePicker component to meet business requirements.Conducted cross-device testing using Android Studio and Xcode to resolve layout, scroll, and event bubbling issues. Naver Financial - Internal Admin Dashboard (Frontend Development, Sub Project) <i>Apr 2024 – Jun 2025</i> <ul style="list-style-type: none">Contributed to two internal admin dashboards using React and Jotai for state management.Integrated multiple backend and BFF APIs to ensure seamless synchronization and data consistency.	Seongnam
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PERSONAL PROJECTS

Personal Portfolio & Tech Blog - ryanch0.dev

Oct 2025 – Nov 2025

- Built a full-stack personal blog using Next.js (^15 App Router) and Supabase for authentication, storage, and database management.
- Leveraged Next.js Server Actions to handle user authentication and post creation securely without exposing client-side API routes.
- Implemented a custom Markdown editor and renderer (MDX-based) to support rich content authoring.
- Designed and developed a minimal design system using Tailwind CSS for consistent typography, spacing, and component styles.
- Utilized Next.js Middleware to handle protected routes and enforce authentication on server side.

SKILLS

TypeScript, React, Next.js, React Query, Jotai, React Hook Form, Zod, Tailwind CSS, Storybook, Git

LANGUAGES

Korean

Native speaker

English

Good working knowledge

EDUCATION

Feb 2017 — Feb 2025	B.S. in Electronic Materials Engineering, Suwon University	Suwon
Feb 2023 — Jan 2024	Diploma in Service Excellence for Business, ILAC International College	Vancouver