

# Ryan Cho, Frontend Engineer

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PROFILE	Location: Suwon, Korea (Relocating to Burnaby, BC on March 18, 2026)		
EMPLOYMENT HISTORY			
Oct 2024 — Present	Frontend-Engineer, Zium Knowledge Service		Seongnam
	Naver Financial - Employee Welfare Platform (Frontend Lead)		
	Jan 2025 – Present		
	<ul style="list-style-type: none"><li>Led frontend architecture design and implementation using React Router Data APIs for a scalable Single Page Application.</li><li>Designed a custom error handling framework between BFF and frontend, enabling contextual, modal, and page-level recovery aligned with UX requirements.</li><li>Improved application performance through lazy loading, request deduplication, and optimized React compiler usage.</li><li>Developed complex validation workflows with React Hook Form and Zod, including file signature verification for secure uploads.</li><li>Enhanced production observability and security with Sentry integration and hidden sourcemaps via Vite build pipelines.</li><li>Automated API type generation with Swagger TypeScript API, improving developer productivity and backend integration consistency.</li><li>Reduced production bundle size by 30% through dynamic imports, excluding mock and development-only modules.</li><li>Introduced Canary dark-release deployment strategy for safer QA and progressive rollouts, replacing legacy Blue/Green approach.</li></ul>		
	Naver Financial - Customer Inquiry Portal (Frontend Development, Sub Project)		
	Oct 2024 – Jan 2025		
	<ul style="list-style-type: none"><li>Built the customer inquiry page and customized the Ant Design DatePicker component to meet business requirements.</li><li>Conducted cross-device testing using Android Studio and Xcode to resolve layout, scroll, and event bubbling issues.</li></ul>		
	Naver Financial - Internal Admin Dashboard (Frontend Development, Sub Project)		
	Apr 2024 – Jun 2025		
	<ul style="list-style-type: none"><li>Contributed to two internal admin dashboards using React and Jotai for state management.</li><li>Integrated multiple backend and BFF APIs to ensure seamless synchronization and data consistency.</li></ul>		
PERSONAL PROJECTS	Personal Portfolio & Tech Blog - <a href="https://ryanch0.dev">ryanch0.dev</a>		
	Oct 2025 – Nov 2025		
	<ul style="list-style-type: none"><li>Built a full-stack personal blog using Next.js (^15 App Router) and Supabase for authentication, storage, and database management.</li><li>Leveraged Next.js Server Actions to handle user authentication and post creation securely without exposing client-side API routes.</li><li>Implemented a custom Markdown editor and renderer (MDX-based) to support rich content authoring.</li><li>Designed and developed a minimal design system using Tailwind CSS for consistent typography, spacing, and component styles.</li><li>Utilized Next.js Middleware to handle protected routes and enforce authentication on server side.</li></ul>		
SKILLS	TypeScript, React, Next.js, React Query, Jotai, React Hook Form, Zod, Tailwind CSS, Storybook, Git		
LANGUAGES	Korean	Native speaker	English Good working knowledge

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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