

Gayoung Go

Front-End Developer

(React / Next.js / TypeScript)

CONTACT

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visa Authorized to work in Canada

(Open Work Permit valid until 2028)

EDUCATION

B.A. in Information Technology

MARCH 2011 - FEBRUARY 2016

— Sungshin Women's University, Seoul

Major: Information Media

Minor: Computer Software

ESL

JANUARY 2014 - OCTOBER 2014

— King George International College, Toronto

ESL, EPE, English-Korean interpretation and translation Course

CORE SKILLS

Front-End

React | Next.js | TypeScript

Tailwind CSS | Shadcn/UI

React Query

Back-End

Node.js | REST API | GraphQL

Tools

Git | Storybook | Jira

Confluence | Figma

Deployment

Vercel | CI/CD

LANGUAGES

English | Korean

SUMMARY

Front-End Developer with 8+ years of experience delivering scalable, data-driven web applications. Specialized in React, Next.js, and TypeScript with a strong focus on component-based design systems, state management (React Query, Context API), and performance optimization. Skilled at translating complex data into intuitive, interactive UI and collaborating with cross-functional Agile teams across Korea and Canada.

PROFESSIONAL EXPERIENCE

BRIQUE | Senior Front End Developer

JAN 2020 - APR 2024 | Pangyo, South Korea

- **Led front-end architecture and MVP design of a monitoring solution for small manufacturers**, enabling real-time process tracking and improved visibility across production lines
- **Built modular component architecture** and Storybook documentation for team reuse
- **Developed Fault Detection systems** used by SK Hynix and Samsung, reducing incident diagnosis time from hours to minutes
- **Engineered Virtual Metrology solutions** with React, TypeScript, and Next.js, optimizing yield prediction accuracy and improving production efficiency
- **Delivered 6-12 month projects** for SK Hynix, SK On, and Samsung, translating algorithms into production-ready interfaces adopted across multiple factory lines

DAEWON C&C | Junior Full-Stack Developer

MAR 2016 - DEC 2019 | Pangyo, South Korea

- **Managed billing systems** serving 20M+ users using Oracle and Pro*C batch programs, ensuring stable operations and data accuracy
- **Delivered monthly release cycles** with zero downtime during infrastructure migration, improving system maintainability
- **Integrated next-generation features into legacy systems**, minimizing disruptions and boosting process efficiency
- **Designed and tested high-volume transaction workflows**, contributing to enhanced reliability across nationwide billing infrastructure