

# Lily Go

(Korean Name : Ga-Young Go)

## Front End Developer

### Contact

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🇨🇦 Authorized to work in Canada  
[Open Work Permit (valid until  
May 2026, extended to 2028)]

### Education

MARCH 2011 - FEBRUARY 2016

**Sungshin Women's University**,  
Republic of Korea  
— **Bachelor's Degree** in  
Information Technology  
Major: Information Media  
Minor: Computer Software

JANUARY 2014 - OCTOBER 2014

**King George International College**,  
Toronto, Canada  
— Studied English  
ESL, EPE, and English-Korean  
interpretation and translation Course

### SKILLS

#### Computer Languages

HTML  
CSS  
JavaScript  
TypeScript  
C#  
Java  
C

#### Libraries

React

#### Frameworks

Next.js  
Node.js

### CERTIFICATES

**Canadian Food Handler Certification**  
(SafeCheck®, issued June 2025)

### Summary

- Frontend Developer with 8+ years of experience, including 4+ years specializing in React, Next.js, and TypeScript
- Experienced in reusable component development, state management using React Hooks, Context API, and React Query, Storybook, and Git-based workflows
- Proficient in building modern web applications with React, Next.js, and TypeScript, utilizing Node.js for backend interactions and RESTful/GraphQL APIs for data integration
- Experienced in Agile development environments, collaborating with cross-functional teams using Jira and Confluence for project management and documentation

### Professional Experience

JANUARY 2020 - APRIL 2024

Pangyo Techno Valley, Republic of Korea

#### Front End Developer at BRIQUE

Built dashboards to display semiconductor process data for fault detection and analytics.

#### Achievements

- **Built dashboards to visualize semiconductor process data**, enabling fault detection and predictive analytics to improve yield.
- **Developed Virtual Metrology solutions** with React, TypeScript, and Next.js, optimizing production processes for higher yield.
- **Created Fault Detection tools** using Vue and Node.js to monitor and address issues impacting yield and efficiency.
- **Led frontend development** of a monitoring solution for small manufacturers, completing design, architecture, and MVP stages.
- **Delivered 6-12 month projects** for SK Hynix, SK On, and Samsung, translating algorithms into production-ready tools.

MARCH 2016 - DECEMBER 2019

Pangyo Techno Valley, Republic of Korea

#### Junior Back & Front End Developer at Daewon C&C Co.

Managed billing systems for 20 million users and supported system upgrades.

#### Achievements

- **Managed billing systems for 20 million users** with Pro\*C batch programs and Oracle databases, ensuring stable operations.
- **Deployed monthly feature updates** to enhance system functionality and meet client requirements.
- **Integrated next-generation features** into existing infrastructure, minimizing disruptions.
- Maintained Oracle databases, **processing and ensuring accuracy for large-scale customer data.**