

# Jung Gu

Full-Stack Developer | Software Engineer

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Portfolio: [jgu-portfolio.vercel.app](https://jgu-portfolio.vercel.app)

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## Technical Skills

**Front-End:** JavaScript (React, Redux), TypeScript, HTML5/CSS3, Figma

**Back-End:** Node.js, Python (Flask, FastAPI), RESTful APIs, SQL/PostgreSQL, MongoDB, Redis

**Cloud/DevOps:** Azure, Docker, GitHub Actions, CI/CD, Serverless, Serverless Architecture

**Tools:** Microsoft Azure, AWS3, Git, Postman, npm, pip, UV package manager, Pytest, Jira, PowerBi, Pandas

## Work Experience

**Global Med Logistics** | Software Engineer | Feb 2024 – Present

- Led full lifecycle migration from **Virtual Machines** to containerized architecture (**Docker** → Azure Container Apps Jobs) making deployments 5x faster while cutting costs by 80%.
- Built an automated shipment data pipeline with **Azure Container Apps Jobs**, reducing manual processing by 40% through scheduled containerized workflows."
- Engineered a high-availability API gateway (**Azure API Management** + Functions) that enabled real-time tracking across third-party partners, reducing integration errors.
- Collaborated with Stryker to enhance medical device tracking reliability, achieving **99.9% uptime** and **100% data accuracy** for 10k+ monthly transactions.

**Engaj Media** | Website Developer Intern | May 2023 - Dec 2023

- Worked within an **Agile (Scrum)** team to deliver a high-performance TypeScript/React landing page, implementing lazy loading and component optimization to Increase consultation requests by 35%
- Optimized website performance through code refactoring and modern development practices, ensuring cross-browser compatibility and **mobile responsiveness**

**YongMen Law P.C** | Freelance Software Engineer | Dec 2022 - Mar 2023

- Developed client communication system integrating Mailchimp API for **automated email** workflows, reducing manual follow-ups by 30%
- Optimized website performance by diagnosing issues via Google Analytics (e.g., bounce rates, exit pages) and implementing **UI/SEO** fixes that grew traffic 25% MoM

## Education

**App Academy** | Full-Stack Software Engineering | Nov 2022

The ability to write well-designed, testable, efficient code by using industry-standard software development practices for front and back-end dynamic development

**Georgia State University** | Business Administration | Jul 2017

Completed coursework in business fundamentals and management