

# Jeong Min Cho

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## PROFESSIONAL SUMMARY

A Fullstack Software Engineer with 3+ years of experience building scalable web applications using React, Next.js, Java, and Python across enterprise and startup environments.

## SKILLS

JavaScript, TypeScript, Python, C++, Java, C#, SQL, React, Next.js, Astro, ASP.NET, Spring Boot, FastAPI, Node.js, AWS, DigitalOcean, GCP, Docker, Jenkins, CI/CD, PostgreSQL, MySQL, MongoDB, Firebase

## EDUCATION

### Bachelor of Science - BS, Computer Science, George Mason University

2021

- Overall GPA 3.8 / 4.0 - Dean's List | Graduated Magna Cum Laude

## WORK EXPERIENCE

### Self-Employed

November 2025 – Present

South Korea

#### Founder & Fullstack Software Engineer

- Architected fullstack SaaS platform serving **100+** users with **<200ms**, API latency and **99.9%** uptime, using Next.js 14, FastAPI, PostgreSQL, and Redis on DigitalOcean
- Designed **6-layer** security architecture with JWT rotation, AES-256-GCM encryption, and HWID binding, blocking **95%+** of unauthorized access attempts across **2K+** authentication events
- Built C++ desktop client with in-memory decryption pipeline processing files in **<50ms**, eliminating plaintext disk exposure and reducing license abuse support tickets by **40%**

### Republic of Korea Army

May 2024 - November 2025

South Korea

#### Network Management and Operations Specialist

- Maintained and secured intranet infrastructure supporting a regiment of **1,000+** personnel, ensuring **99%+** network uptime for mission-critical operations, contributing to **zero security incidents**
- Implemented security protocols and conducted regular system audits to protect classified military communications
- Troubleshoot and resolved network issues under time-sensitive conditions, minimizing operational disruptions

### USTigers Inc

November 2022 - April 2024

Gainesville, Virginia

#### Fullstack Software Engineer

- Developed responsive user interfaces using **React.js**, improving page load performance by **~35%** and increasing user engagement
- Designed and implemented **RESTful APIs** with **Java and Spring Boot**, enabling scalable frontend-backend communication across multiple services
- Deployed and maintained applications on **AWS (EC2, S3, RDS)**, supporting production traffic with **high availability**
- Built and automated **CI/CD pipelines using Jenkins and Docker**, reducing deployment time by **60%**
- Collaborated in an **Agile environment**, consistently delivering features on schedule across multiple release cycles

### ScienceLogic Inc

June 2022 - November 2022

Reston, Virginia

#### Associate Engineer

- Built and enhanced dashboard features using **Next.js, React, and GraphQL**, contributing to production releases used by **enterprise customers**
- Increased code reliability by writing **unit and integration tests**, reducing post-release defects by **~25%**
- Maintained and modernized **legacy PHP systems**, supporting containerized deployments with **Docker**
- Identified and resolved UI and data-flow bugs, improving dashboard stability and overall user experience which increased the ticket coverages of my team by **18%**