

PERSONAL INFORMATION

Name: Gwanho Kim
Address: Daegu, South Korea
Email: khkim6040@gmail.com
Date of Birth: June 4, 2000
Personal Site: <https://gwanho.com>



PERSONAL PROFILE

Curious and enthusiastic software developer with a strong CS foundation. Passionate about fundamental concepts, real-world applications, and cloud services. Enjoys technical discussions and aims to seamlessly integrate applications into cloud environments.

WORK EXPERIENCE

Jan 2025 - Present

Research Intern ***OMNIA Lab, POSTECH***

- Conducting research on distributed systems, focusing on unified caching systems at the cluster level.

Dec 2023 - Present

Student Developer ***PoApper, POSTECH***

- Developed POSTECH's facility reservation web service.
- Currently developing the mobile version of the reservation service.
- Leading the Paxi project, a carpooling service designed to solve the expensive sole-taxi problem from Pohang Station to POSTECH.

Jun 2023 - Aug 2023

Backend Developer Intern ***TimePercent, Seoul***

- Developed an admin dashboard to help administrators efficiently track user activity.
- Built an end-to-end web application using FastAPI and Jinja2.

EDUCATION

Feb 2019 - Feb 2026

B.S. in Computer Science and Engineering *Pohang University of Science and Technology (POSTECH), Pohang*

Feb 2019 - Feb 2026

Minor in Industrial Management and Engineering *Pohang University of Science and Technology (POSTECH), Pohang*

Aug 2024 - Dec 2024

Exchange Student

University of California, Berkeley

- Studied Computer Security

SKILLS

Git/GitHub: Experienced in branching strategies, creating project-specific workflows, and maintaining clean commit history for better collaboration.

NestJS: Over two years of experience building TypeScript backend applications. Strong understanding of controllers, services, modules, IoC containers, dependency injection, and Automated Testing.

Competitive Problem Solving: Solved 400+ algorithmic problems on Baekjoon (Graph traversal, DP, Greedy, Data Structures, etc.). Ranked in the top 2% on the platform.

Computer Science Fundamentals: Studied Computer Architecture, Operating Systems, Algorithms, Software Development, Computer Networks, Databases, Programming Languages, AI, and Security.

CERTIFICATIONS

AWS Certified Cloud Practitioner | Achieved Aug 2024

AWARDS

POSTECH Programming Contest - 3rd Place | Apr 2024

Blackout Hackathon - 2nd Place | Jan 2025

LANGUAGES

English: Professional working proficiency (TOEFL 97 | Achieved Feb 2024)

HOBBIES AND INTERESTS

- **Fitness:** Regular weight training since 2020; interested in Pilates and CrossFit.
- **Reading:**
 - Favorite essay: *Simplicité: How to Live More with Less* – Influenced my lifestyle and mindset.
 - Enjoy Keigo Higashino's novels.
- **Music:** Play guitar and record covers of ThornApple, a Korean indie band.