

# Min-gi Lee (이민기)

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## Summary

Accomplished in end-to-end project, encompassing backend development and DevOps practices. Proficient in automating deployment and operations using Docker and implementing robust CI/CD pipelines to software delivery. Skilled in configuring scalable cloud environments on AWS, enhancing system reliability and performance monitoring with tools like Grafana and Prometheus.

## Skills

- Languages: Korean (Native), English (Conversational Level)
- Programming: Extensive knowledge of Python, Java, and MySQL
- Development: Extensive knowledge of Linux and Git, Proficient in Django and Spring Boot

## Professional Experience

**2023 Winter Bootcamp, Teecher** | Seoul City, Korea Dec 2023 - Feb 2024

Backend Leader

- Designed and Built a web extension that dynamically categorizes and organizes bookmarks into designated folders by summarizing their contents for efficient organization
- Engineered an API server using Django, integrated with Celery and RabbitMQ for managing an asynchronous alert system, which significantly improved response times and system reliability
- Launched the application via Docker on an AWS EC2 instance and Integrated Grafana with Prometheus for tracking and observing the API server's performance, enhancing the ability to diagnose and resolve issues
- Employed the BeautifulSoup library to navigate and extract content from web pages, effectively addressing to compensate for the inability of the ChatGPT API to summarize links like its web version

**2023 Silicon Valley S/W Bootcamp** | Siheung City, Korea Jun 2023 - Aug 2023

Bootcamp Trainee

- Developed web-based REST API Server with Python-Django that provides basic user authentication
- Deployed application on AWS, using S3 bucket as storage for unstructured data such as images and videos
- Designed the process to deploy and manage versions on the Cloud with CI/CD Pipelines

**United States Army Garrison Casey, KATUSA Program** | Dongducheon City, Korea Jul 2020 - Jan 2022

Information Technology Specialist

- Lead, operated and trained in a joint Korean-US Army element as a Sergeant
- Managed and maintained a network of over 100 workstations, VoIP, print, and file servers, ensuring security standards through regular system updates and patches
- Implemented IT equipment and software life cycle management database to make accountability and visibility for the IT lifecycle

## Extracurricular Activities

**Google Developer Student Clubs TUK** | Siheung City, Korea 2023 Oct - Present

GDSC Member

- Contributed significantly to the success of multiple events, including a Spring Boot Study
- Prepared and delivered oral presentation on HTTP Protocols

## Education

**Tech University of Korea** | Siheung City, Korea Mar 2018 - Feb 2025 (Expected)

Bachelor of Science in Computer Engineering

- Relevant Courses: Data Structures, Operating Systems, Database and Cloud Computing
- Scholarship: Received scholarship for academic excellence for three semesters (Sep 2019 – Dec 2019, Sep 2022 – Dec 2022, Sep 2023 – Dec 2023)