Junior Backend Developer

HYEIL JEONG

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Dev Experiences

Republic of Korea Army Headquarters
Feb 2022 - Aug 2023

SW Engineer
- Currently serving a military service as a SW engineer
- Maintained web application server composed of eGovFramework(Spring)
- **Fixed security issues** such as XSS, SQL Injection, path traversal, and webshell
- **Refactored legacy code** - restructured MVC structure, vertical partitioning

Software Maestro 12th
April 2021 - Dec 2021

Backend & Devops
Developer
- Contacted to 20 companies for partnership contract
- **Validated demand** through meeting with kakao entertainment and 3 others
- Signed **MOUs** with XingXingMobility and Snack24

Projects

Meerkat - military secure chat application with end-to-end encryption
Oct 2022

Fullstack Developer
`E2EE` `Realtime Chat`
`@2022 Osam`
- **Tech stack** | react native, node.ts, express, typescript, docker, mariaDB, github
- Implemented the backend MVC structure and the API (friend, report, chat room)
- Designed and implemented chatting structure
  - **Real-time chat** and offline handling using Socket.io
  - Real-time chat room list status, users who have read the messages
  - Devised how to apply **end-to-end encryption** to the application
- Applied **Github Flow strategy** and rebase-merge strategy
- *github.com/osamhack2022/APP_Meerkat_IQDan*

Naver2Tistory - blog migration automation CLI tool for NAVER TO TISTORY
Sep 2022

Fullstack Developer
`Open Source`
- **Stack** | java, github
- Inspected url using regex, crawled and converted posts to html using JSoup
- *github.com/hyelie/Naver2Tistory*

Bizkicks - B2B integrated shared kickboard service
April 2021 - Dec 2021

Backend & DevOps
`Business` `B2B`
`@Software Maestro 12th`
- **Tech Stack** | spring boot, JPA, mysql, redis, JWT, docker, jenkins, K8S, GCP, gitlab
- Implemented the API (kickboard location, notification, consumption feature)
- Implemented **user authentication** with Spring Security and JWT
- Configured **Jenkins CI pipeline** and deployed through GKE
- Applied **Git Flow strategy**
- *github.com/hyelie/SWM-Bizkicks-Backend*

Skills

- Front-end   HTML/CSS, JavaScript
- Back-end   Spring Boot, MySQL
- Others   Git, Docker, GCP, Figma
- Language   Korean(native), English(intermediate)

Education

POSTECH, Pohang University of Science and Technology
Feb 2018 - Aug 2024 (expected)
- Leave of absence, bachelor in computer science engineering, cumulative GPA 3.68/4.3 (93.8% percentile)

Achievements

NIPA prize	Awarded for project Meerkat at the 2022 OSAM hackathone	Oct 2022
Certificate	SQL Developer	Sep 2022
Certificate	Information processing engineer	Aug 2021
Participation prize	Awarded for project Pocarpool at the 2020 POSTECH UGRP	Feb 2021

Activites

Blog (hyelie.tistory.com)
July 2021 - present
- Write technical issues and what I learned

Naver boostcourse coding coach
Jan 2021 - Feb 2021, July 2021 - Aug 2021
- CS50(C/C++), PY4E(python), each 6 weeks

CHEERO, POSTECH cheerleading club
Feb 2018 - Oct 2020
- President of the club