

# Kevin Park

DEVOPS ENGINEER · BACKEND ENGINEER

405, 34-13, Gwangnaru-ro 2-gil, Seongdong-gu, Seoul, Republic of Korea

☎ (+82) 010-2783-5972 | ✉ krapie0314@gmail.com | 📱 krapie | 🌐 krapie



## Summary

I'm a backend/devops developer interested in distributed systems, system design, infrastructure, and cloud native. But I also do frontend stuff too.

I'm also an open source member/contributor of Yorkie, Kubernetes, Istio, and tldraw. I'm looking forward to contributing to more open source projects.

I love to optimize and organize many things, both my lifestyle and my development. I also love to share my knowledge and skills with the world through mentoring and contributing.

## Skills

<b>DevOps</b>	AWS, Docker, Kubernetes, Istio, Helm, ArgoCD, Jenkins, Terraform
<b>Back-end</b>	Spring Framework, REST API, MySQL, JPA, gRPC, MongoDB
<b>Front-end</b>	React, TailWindCSS
<b>Programming</b>	Go, JAVA, C++, YAML
<b>Languages</b>	Korean, English

## Experience

### NAVER Corp. (Contract)

Seoul, S.Korea

DEVOPS ENGINEER

Feb. 2023 - Jun. 2023

- Designed Sharded Cluster Mode for Yorkie, a open source document store for building collaborative editing applications.
- Built Yorkie Sharded Cluster Mode on Kubernetes with Istio, and packaged with Helm Chart.
- Rebuilt Yorkie SaaS devops system with Terraform, ArgoCD, Prometheus, Grafana, and Loki.
- Implemented several features and optimization in Yorkie server.
- Implemented yorkie.tree CRDT structure in Go SDK.

### Ministry of Science and ICT, S/W Maestro 13th

Seoul, S.Korea

DEV LEADER & SOFTWARE ENGINEER

Mar. 2022 - Nov. 2022

- Planned and developed Asyncrum, a remote collaborate tool with real-time collaboration whiteboard and daily video logs.
- Developed overall software development process and architecture for Asyncrum.
- Designed entire backend architecture and built AWS infrastructure.
- Built Asyncrum backend CI/CD pipeline with Jenkins and ArgoCD.
- Prototyped and implemented real-time collaboration whiteboard with tldraw and Yorkie.

### PH2Y, Sejong University

Seoul, S.Korea

SOFTWARE ENGINEER

Jul. 2021 - Jun. 2022

- Planned and developed Bulter's Note, a map based pet related information platform service on Android.
- Optimized backend image processing service with imgscalr, a Java image scaling-library.
- Implemented video streaming service using HTTP range request.

## Extracurricular Activity

### Yorkie

Yorkie Team

MAINTAINER

Mar. 2023 -

- Yorkie is an open source document store for building collaborative editing applications.
- Proposed various features, optimization, and issues in various Yorkie repositories.

### Kubernetes

kubernetes-sig-docs

MEMBER

Apr. 2023 -

- Kubernetes is an open source system for managing containerized applications across multiple hosts.
- Participated in kubernetes-sig-docs Korean localization team.
- Translated and updated various documents related to Kubernetes in Korean.

## Istio

MEMBER

- Istio is an open source service mesh that layers transparently onto existing distributed applications.
- Participated in updating documentation related to gRPC probe health checking.

*Istio Community*

*Apr. 2023 -*

## tldraw

CONTRIBUTOR

- tldraw is tldraw whiteboard that you can use to create infinite canvas experiences for the web.
- Fixed image export bug when storage bucket attached.
- Updated Korean localization in updated versions of tldraw.

*tldraw Community*

*Dec. 2022 -*

# Education

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## Sejong University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- Current major GPA 4.24 (3rd Year)

*Seoul, S.Korea*

*Mar. 2018 -*