

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

**■** (+82) 10-2783-5972 | **■** krapi0314@gmail.com | **□** krapie | **□** krapie



### **Summary**

I'm a cloud engineer at Amazon Web Services (AWS). And I'm interested in overall infrastructure, architecture, cloud, devops, distributed systems and so on.

I'm also an open source maintainer of Yorkie and a member of Kubernetes and Istio, and have many other open source activities. And I love to share my knowledge through contributing and mentoring.

# **Experience**\_

#### **Amazon Services Korea LLC.**

Seoul, S.Korea

CLOUD SUPPORT ASSOCIATE

Julv. 2024 -

- Provided technical support to customers using AWS services.
- Analyzed and resolved customer's technical issues and provided guidance on AWS services.
- Written and reviewed technical documentation and blog posts for AWS customers.

KarrotPay Inc. Seoul, S.Korea

**DEVOPS ENGINEER (INTERN)** 

Jun. 2023 - Oct. 2023

- Developed internal tools to improve developer productivity and engineering efficiency.
- Designed and performed performance test on new service and existing services.
- Participated in serveral DevOps/SRE tasks on cloud infrastructure.

**NAVER Corp.** Seoul, S.Korea

SOFTWARE ENGINEER (FREELANCE)

Feb. 2023 - Jun. 2023

- Designed Sharded Cluster Mode for Yorkie, a open source document store for building collaborative editing applications.
- Rebuilt Yorkie SaaS devops system with Terraform, ArgoCD, Prometheus, Grafana, and Loki.
- Implemented yorkie.tree CRDT structure in Go SDK.

# **Extracurricular Activity**

**Yorkie** Yorkie Team

Mar. 2023 -MAINTAINER

- Yorkie is an open source document store for building collaborative editing applications.
- Maintainer, developer, and mentor for the Yorkie project.
- Suggested features, optimizations, issues, etc. for the Yorkie project as a whole.

#### **Kubernetes & Istio** kubernetes-sig-docs & community

MEMBER Apr. 2023 -

- Kubernetes is an open source system for managing containerized applications across multiple hosts.
- Istio is an open source service mesh that layers transparently onto existing distributed applications.
- Member of the kubernetes-sig-docs and Istio community.
- Updated and translated documents for the Kubernetes and Istio projects.

### **Open Frontier (National IT Industry Promotion Agency)**

Seoul, S.Korea

OPEN FRONTIER DEVELOPER & MENTOR

Mar. 2023 - Nov. 2023

- Participated in 2024 Opensource Playground as a lead mentor of Yorkie project.
- Participated in 2023 Opensource Playground as a mentor of Yorkie project.
- Participated in 2023 Open Frontier as a developer of Yorkie project.

### S/W Maestro (Institute of ICT Planning & Evaluation)

Seoul, S.Korea Mar. 2022 - Jun. 2024

MENTEE & EXPERT

• Participated in the S/W Maestro program as a 13th mentee and 15th expert.

- Developed Asyncrum, a remote collaborate tool with real-time whiteboard and daily video logs as mentee.
- Mentored 15th mentees and helped them to follow the program as expert.

Certificates		
2024.02	Certified Kubernetes Administrator (CKA), CNCF	LF-91asjxo9jn
2024.02	Certified Kubernetes Application Developer (CKAD), CNCF	LF-Iwyfq17542
Educa	ation	
	A	

Sejong UniversitySeoul, S. KoreaB.S. IN COMPUTER SCIENCE AND ENGINEERINGMar. 2018 - July. 2024