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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 Web 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.

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 Apr. 2023 -

MEMBER

- 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

MENTEE & EXPERT

Mar. 2022 - Jun. 2024

- 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

2024.09	AWS Certified Solutions Architect - Associate, AWS	ab1120546c
2024.02	Certified Kubernetes Administrator (CKA), CNCF	LF-91asjxo9jn
2024.02	Certified Kubernetes Application Developer (CKAD), CNCF	LF-Iwyfq17542

Education

Sejong University Seoul, S.Korea

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Mar. 2018 - July. 2024