Younsung Lee

DevOps Engineer

Specializing in Kubernetes and Cloud Native technologies   GitHub, Blog, cysl@kakao.com

Experience

DevOps Engineer | Coinone Crypto   May 30, 2023 — Present (2 yrs 1 mo)

AWS, GCP, Kubernetes, Observability, CI/CD, Terraform, Infrastructure Ops

- Managed 6 EKS clusters (v1.24-v1.32) and migrated node groups from AL2 to AL2023 using Terraform
- Implemented KEDA for TPS-based pod autoscaling across 10+ microservices in production environment
- Built modular Terraform infrastructure for core resources across 4+ AWS accounts, reducing provisioning time by 50%
- Designed secure cross-cloud authentication between AWS EKS and GCP using Workload Identity Federation
- Operated and managed Linkerd service mesh, Kyverno policy engine and CI/CD pipelines (GitHub Actions, ArgoCD)
- Developed a containerized microservice named GSS to scan and monitor all scheduled workflows in GitHub Enterprise Server ↗ ↗

DevOps Engineer | Greenlabs Financial Payments   Sep 5, 2022 — Apr 7, 2023 (7 mos)

AWS, Kubernetes, Istio, Observability, CI/CD, Terraform, MLOps, Infrastructure Ops

- Built multi-account AWS infrastructure for electronic finance business license #2022-483 in 3 months ↗
- Managed 2 EKS clusters (v1.24-v1.25) and optimized infrastructure, reducing monthly AWS costs by 30%

Cloud Engineer | Watcha Media   Feb 14, 2022 — Aug 5, 2022 (6 mos)

AWS, Kubernetes, CI/CD, Terraform, Infrastructure Ops

- Implemented Kubernetes-based infrastructure on AWS for OTT platform using Terraform

System Engineer | KDN Energy   Dec 16, 2013 — Feb 11, 2022 (8 yrs 2 mos)

On-premise, Linux administration, VMware Cluster administration, Storage administration, Backup and Recovery

- Managed VMware clusters (30+ hosts) with 150+ Linux VMs for mission-critical energy infrastructure
- Automated operational tasks with Python/Bash and implemented high availability configurations
- Provided technical support for virtualization and implemented backup/recovery using EMC Networker

Projects

- **promdrop**: Prometheus scrape config generator to drop unused metrics analyzed by mimirtool
- **idled**: CLI tool to analyze idle resources in AWS
- **gss**: Scanner for scheduled workflows in GitHub Enterprise Server
- **charts**: Battle-tested helm charts for Kubernetes

Education

BSE, ICT Applied | Chosun University   Mar 2018 — Feb 2022

Certifications

- Certified GitOps Associate 2025.04.20 — 2027.04.20
- Linux Foundation Certified IT Associate 2024.11.29 — 2026.11.29
- Kubernetes and Cloud Native Associate 2024.11.29 — 2026.11.29
- AWS Certified Solutions Architect - Professional 2023.05.21 — 2026.05.21
- AWS Certified Developer - Associate 2023.05.18 — 2026.05.18
- AWS Certified SysOps Administrator - Associate 2023.05.13 — 2026.05.13
- AWS Certified Cloud Practitioner 2023.05.04 — 2026.05.04
- Certified Kubernetes Administrator 2022.09.13 — 2025.09.13
- AWS Certified Solutions Architect - Associate 2020.06.26 — 2026.05.21