Younsung Lee

DevOps Engineer

Kubernetes and Cloud Native Technologies (11 yrs 6 mos)   <u>Github</u> <u>Blog</u> <u>cysl@kakao.com</u>

Experience

DevOps Engineer | **Coinone** Crypto   May 30, 2023 — Present (2 yrs 3 mo)

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

- Developed cocd (Chaos Of Continuous Deployment), a Go-based TUI tool to centralize GitHub Actions workflow monitoring across 960 repositories, reducing deployment approval time by 30% ↗
- Provisioned and managed Kubernetes GPU nodes with NVIDIA GPU Operator for ML workloads ↗
- Developed a containerized microservice named GSS to scan and monitor all scheduled workflows in GitHub Enterprise Server ↗ ↗
- Implemented cost optimization strategies including right-sizing, containerlizing, spot instances, and automated pod scaling, achieving $30k monthly savings
- 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)
- 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%
- Managed 6 EKS clusters (v1.24-v1.32) and migrated node groups from AL2 to AL2023 using Terraform

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

- **cocd**: Go-based TUI tool for GitHub Actions deployment management
- **charts**: Production-ready Kubernetes Helm charts repository, developed and maintained
- **promdrop**: Prometheus scrape config generator to drop unused metrics analyzed by mimirtool
- **idled**: CLI tool to analyze idle resources in AWS
- **gss**: Kubernetes-based scanner for scheduled workflows in GitHub Enterprise Server

Education

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

Certifications

- Certified GitOps Associate   Apr 20, 2025 — Apr 20, 2027
- Linux Foundation Certified IT Associate   Nov 29, 2024 — Nov 29, 2026
- Kubernetes and Cloud Native Associate   Nov 29, 2024 — Nov 29, 2026
- AWS Certified Solutions Architect - Professional   May 21, 2023 — May 21, 2026
- AWS Certified Developer - Associate   May 18, 2023 — May 18, 2026
- AWS Certified SysOps Administrator - Associate   May 13, 2023 — May 13, 2026
- AWS Certified Cloud Practitioner   May 4, 2023 — May 4, 2026
- Certified Kubernetes Administrator   Sep 13, 2022 — Sep 13, 2025
- AWS Certified Solutions Architect - Associate   Jun 26, 2020 — May 21, 2026

This resume was verified as of August 20, 2025.