

CHANG KOOK JEON

Platform Engineering & Cloud Infrastructure Leader

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SUMMARY

Platform Engineering and Cloud Infrastructure leader with 12+ years designing, building, and operating cloud-native platforms across telecommunications, government, and enterprise environments. Proven expertise developing Kubernetes-based platforms, Internal Developer Platforms (IDP), self-service engineering capabilities, Infrastructure as Code, GitOps automation, Site Reliability Engineering, and AI-enabled infrastructure. Experienced building developer-focused platforms that accelerate software delivery through automation, reusable platform services, observability, and standardized deployment patterns. Strong background in AWS, Azure, Kubernetes, Terraform, Python automation, CI/CD modernization, and large-scale distributed systems supporting mission-critical workloads.

CORE SKILLS

Platform Engineering	Kubernetes platform engineering, platform automation, Internal Developer Platforms, engineering enablement, service reliability
Cloud Native	Kubernetes, Docker, AWS, Azure, hybrid cloud, Terraform, Infrastructure as Code, GitOps, Argo CD, distributed systems, multi-region architectures
AI & Developer Platform	LLM infrastructure, AI platform enablement, GPU infrastructure, containerized AI workloads, Jupyter platforms, FastAPI, Streamlit, AI-assisted engineering workflows
Automation & Reliability	Python automation, CI/CD pipelines, GitLab CI/CD, GitHub Actions, Jenkins, incident response, root cause analysis
Observability	Datadog, Prometheus, Grafana, OpenSearch, EFK stack, performance monitoring, reliability engineering

WORK EXPERIENCE

Cloud Infrastructure Specialist & Senior Information Systems Auditor

Nov 2025 - Apr 2026

Camino, Seoul, South Korea

- Led cloud infrastructure assessments and governance initiatives for government cloud-native environments, evaluating security posture, platform readiness, compliance, and operational risk.
- Evaluated platform readiness, security controls, operational maturity, and compliance requirements across cloud environments.
- Developed Python-based automation tools for infrastructure diagnostics, operational analysis, and platform troubleshooting.
- Supported cloud modernization initiatives through architecture reviews, automation improvements, and technical risk reduction.
- Partnered with engineering, security, and compliance teams to establish cloud governance standards and improve reliability across enterprise platforms.

DevOps Engineer & SRE Lead

Jan 2018 - Oct 2025

SK Telecom, Seoul, South Korea

- Managed enterprise-scale Azure and hybrid cloud infrastructure supporting mission-critical telecommunications platforms while maintaining 99.99% availability through SRE practices, automation, and proactive reliability engineering.
- Architected and operated Kubernetes-based cloud-native platforms supporting distributed enterprise workloads.
- Standardized Infrastructure as Code practices using Terraform, Kubernetes manifests, and automated provisioning to improve deployment consistency and scalability.
- Led modernization of seven enterprise CI/CD pipelines utilizing GitLab, GitOps methodologies, and deployment automation.
- Developed Python automation solutions that reduced manual operational effort and improved engineering productivity.
- Implemented enterprise observability using Datadog, Prometheus, Grafana, and OpenSearch to improve monitoring and incident response.
- Directed cloud optimization initiatives utilizing FinOps principles to improve resource utilization and operational efficiency.
- Partnered with engineering and product teams to improve developer experience through self-service deployment workflows and platform enhancements.

Corporate QA TF Lead & Senior Infrastructure Strategist

Jan 2014 - Dec 2017

SK Telecom, Seoul, South Korea

- Led enterprise platform readiness initiatives, including performance, stress, and endurance testing for large-scale distributed systems.
- Designed production-equivalent test environments to validate scalability, reliability, and operational readiness before deployment.
- Coordinated engineering, infrastructure, and product organizations to streamline deployment planning and improve enterprise service delivery.
- Developed operational procedures, runbooks, and validation frameworks that reduced post-deployment incidents and improved service reliability.

Infrastructure Operations Specialist, High-Availability Systems

Jan 2009 - Dec 2013

SK Telecom, Seoul, South Korea

- Managed 24x7 enterprise Linux infrastructure supporting mission-critical telecommunications platforms serving millions of subscribers.
- Led major incident response activities, troubleshooting production system failures and restoring critical services while minimizing downtime.
- Coordinated cross-functional teams during more than thirty enterprise infrastructure incidents, improving operational response and platform resilience.
- Supported business continuity, high availability, disaster recovery, and operational governance initiatives across enterprise infrastructure.

PLATFORM ENGINEERING PROJECTS

Internal Developer Platform (self-service). Designed self-service deployment workflows on Kubernetes using GitOps (Argo CD) and templated pipelines, enabling product teams to provision namespaces, pipelines, and observability without platform-team tickets.

Terraform IaC module library. Authored and published reusable Terraform modules for AWS network, compute, and Kubernetes provisioning, standardizing environment build-out and reducing new-environment setup from days to hours.

CI/CD automation pipeline. Built an end-to-end delivery pipeline with GitLab CI running self-hosted runners on Kubernetes for elastic, isolated build capacity, and Argo CD for GitOps-based continuous delivery. Containerized FastAPI and Spring Boot services using Jib to build images directly from the Gradle and Maven build, removing privileged builds from the cluster and shortening image build times.

AI/LLM infrastructure platform. Deployed GPU-backed containerized LLM and Jupyter workloads on Kubernetes with FastAPI and Streamlit service endpoints, supporting AI-assisted engineering workflows and internal developer productivity tooling.

Technical writing. Publish platform engineering, SRE, and AI infrastructure practice notes at devops.metacog.co.kr and fw-thinking.metacog.co.kr, documenting hands-on experiments and architecture decisions. Also run comparison.metacog.co.kr and comp-thinking.metacog.co.kr.

EDUCATION

MBA, Technology Management

Hanyang University, Seoul, South Korea

BS, Electronics Engineering

Kyungpook National University, Daegu, South Korea

CERTIFICATIONS

AWS Certified Solutions Architect

Professional Engineer in Information Technology

Senior Information Systems Auditor

CCNP (Networking), RHCSA (Linux), ISTQB