



TIAN PUTRA NUHCAHYA

DEVOPS ENGINEER LEAD

SUMMARY

Technical lead with 5+ years in DevOps/platform engineering, currently leading DevOps strategy and governance for a PCI DSS-regulated fintech payment platform. Own cross-team architecture review, FinOps adoption, and PCI-DSS/ISO 27001 audit engagements, on top of hands-on ownership of multi-cluster Kubernetes (GKE) infrastructure, GitOps, and observability. Experienced mentoring engineers and standardizing SOPs/governance guardrails to balance delivery speed against production-access risk.

WORK EXPERIENCE

DevOps Engineer Lead

iForte Payment Infrastructure

Fulltime | Apr 2026 - Present

- Lead cross-team architecture review for infrastructure changes, evaluating PCI-DSS payload exposure and sequencing against the platform roadmap.
- Serve as DevOps/security technical point of contact for PCI-DSS and ISO 27001 audits — reviewing evidence and assigning remediation actions ahead of auditor presentation.
- Own post-incident RCA process as escalation point for major incidents; drive platform reliability (SRE) roadmap across DC/DR/Tools GKE clusters, reporting to leadership.
- Drive FinOps adoption for GKE workloads via Crawl-Walk-Run cost visibility framework, including team-led tooling POCs surfaced to management.
- Standardize SOPs/governance guardrails balancing delivery velocity against production-access risk in a PCI-DSS-regulated environment.
- Mentor and technically direct DevOps engineers, including onboarding of new hires and participation in technical interviews.

Senior DevOps Engineer

iForte Payment Infrastructure

Fulltime | Okt 2022 - Apr 2026

- Designed and operated multi-cluster Kubernetes (GKE) platform (DC/DR/Tools) with secure private networking.
- Built secure CI/CD and GitOps ecosystem (Jenkins, ArgoCD, Kustomize) for controlled and auditable deployments.
- Implemented shift-left security in CI/CD, SAST (Horusec), SCA/image scanning (Trivy), consolidated via SonarQube; enforced TLS and SIEM (Wazuh) monitoring.
- Architected cloud networking, VPC segmentation, ILB routing, and Fortinet integration for secure traffic flows.
- Established comprehensive observability using Prometheus, Grafana, Wazuh, ELK, and Kafka logging.
- Collaborated closely with Backend and Compliance teams; informally mentored junior & middle DevOps engineers.

Key Achievements

- Migrated critical payment microservices from VM/Docker to Kubernetes (GKE) with zero-downtime, rollback-safe strategy.
- Designed and deployed multi-cluster GKE platform with private networking, Fortinet integration, PCI-aligned segmentation, and secure ILB routing.
- Built Jenkins infrastructure with PostgreSQL backend, GCS Fuse, and SSD storage; standardized CI/CD pipelines to improve delivery and audit readiness.
- Implemented full GitOps lifecycle (Bitbucket - Jenkins - ArgoCD + Kustomize), ensuring governance, traceability, and deployment consistency.
- Strengthened security posture via SIEM correlation, TLS hardening, and continuous vulnerability scanning.
- Built end-to-end observability stack, significantly improving incident visibility and recovery time.
- Standardized Kubernetes onboarding templates, reducing provisioning time from hours to minutes.

CONTACT ME

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TECHNICAL SKILLS

- **Platform & Cloud**
 - Google Cloud Platform
 - Amazon Web Services
 - Alibaba Cloud
 - DigitalOcean
- **Container & Orchestration**
 - Kubernetes
 - Docker
- **CI/CD & Automation**
 - Jenkins
 - ArgoCD
 - Bash Scripting & Ansible
- **Security & Compliance**
 - Horusec (SAST)
 - Trivy (SCA)
 - SonarQube (Code Quality)
 - WAZUH
 - GCP IAM (access segregation)
 - Sealed Secret
 - Vault (app-side Client Lib)
 - Google KMS
- **FinOps**
 - Kubecost
 - Kyverno
 - BigQuery Billing
- **Observability & Monitoring**
 - Prometheus & Grafana
 - DataDog
 - ELK + Kafka
 - Centralized Logging & APM
 - SigNoz
- **Multi-language Runtime Exposure**
 - Java
 - GO
 - JavaScript
 - PHP

Senior DevOps Engineer

Jaya Agung Teknologi

Fulltime | July 2021 - Okt 2022

- Design and implement infrastructure clustering system using Google Kubernetes Engine, Jenkins pipeline for Continuous Integration and ArgoCD.
- Monitoring log and network performance application using Datadog, Prometheus and GCP Log Management.
- Manage infrastructure team in critical tasks such as production deployment, application patching, and hotfixes in the production environment by develop implement planning.

DevOps Engineer

Meteor Inovasi Digital

Fulltime | Feb 2021 - July 2021

- Working with developers to ensure the development process works as intended and running properly, building and config infrastructure for any application.
- Ensuring microservices cluster or Cloud Server is safe and protected from security threats or disasters.

TechOps Engineer

Freelance

Fulltime | Apr 2020 - Feb 2021

- Writing Dockerfile, Ansible Playbook, Jenkinsfile, Kubernetes Manifest, etc.
- Create CICD Pipeline, monitoring tools like Prometheus & Grafana
- Configuration instance Server at many Clouds Provider or on-premises servers.

EDUCATIONAL HISTORY

PRAMITHA UNIVERSITY TANGERANG | Economic | 2011 - 2014

STP AVIASI JAKARTA | Airport Management | 2008 - 2010

TRAINING

DUMBWAYS.ID TANGERANG | DevOps Engineer | 2020 - 2020

COURSE

Container Kubernetes & OpenShift at Digitalent Kominfo

Cloud Architecture & Kubernetes at GCP Training