

# Yongky Budi Setiawanda

 Yongky Budi Setiawanda |  <https://mumeyong.dev> |  [yongky@mumeyong.dev](mailto:yongky@mumeyong.dev)

## SUMMARY

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Senior Cloud & DevOps Engineer with 7+ years of designing, automating, and optimizing large-scale cloud infrastructure in AWS, Azure, GCP, and Alibaba Cloud. Expert in Kubernetes, Terraform, CI/CD (GitHub Actions/GitLab CI), and cloud-native architectures. Led cloud migration and reliability initiatives, achieving \$14k/month cost savings through rightsizing, automation, and observability improvements. Experienced in DevSecOps, SRE best practices, ISO 27001 compliance, and mentoring engineers to elevate deployment, security, and operational excellence.

## SKILL

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- **Cloud & Infrastructure:** AWS, Azure, GCP, Alibaba Cloud, OpenStack, Cloud Architecture, VPC, IAM, Networking, High Availability, Scalability.
- **Containerization & Orchestration:** Kubernetes (ACK, EKS, GKE, AKS), Docker, Helm, Ingress, Service Mesh (Istio/Linkerd)\*.
- **Infrastructure as Code (IaC):** Terraform, Pulumi, Ansible, CloudFormation\*, Packer\*.
- **CI/CD & GitOps:** GitLab CI/CD, GitHub Actions, Jenkins, ArgoCD, FluxCD, Pipeline Automation.
- **Observability & Monitoring:** Prometheus, Grafana, ELK/EFK Stack, Datadog, Alerting & Metrics Optimization.
- **Security & Compliance:** DevSecOps, Zero-Trust, WAF, CDN, IAM & RBAC, Secrets Management (KMS/SSM)\*, ISO 27001.
- **Programming & Automation:** Python, Bash, API Integration, CLI Tooling, Automation Frameworks.
- **Databases & Storage:** Apsara RDS, MySQL\*, PostgreSQL\*, Nginx, Object Storage (OSS/S3).

## CERTIFICATION

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CCNA Security  
CCNA Switching & Routing 2  
AWS Cloud Practitioner  
GCP Cloud Engineer Associate

CCNA Switching & Routing  
CCNA Essentials  
AWS Cloud SysOps  
MTCNA Mikrotik

## EDUCATION

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**Informatics Engineering**  
*University of Amikom Yogyakarta*  
GPA: 3.68/4.00

*2016 Jul - 2019 Oct*

## WORK EXPERIENCE

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**Senior Cloud Engineer**  
*Sinarماس Multiartha*

*Oct 2022 - present*

- Delivered **\$14,000/month cloud cost savings** through proactive optimization and cross-team collaboration with Developer and Engineering teams.
- Automated infrastructure provisioning using Terraform and Ansible, reducing manual work by **80%** and improving team efficiency through clear documentation and knowledge sharing.
- Led the management of multi-cloud Kubernetes clusters, coordinating with application teams to ensure reliable releases and consistent uptime.
- Implemented a unified monitoring stack (Prometheus, Grafana, ELK, Datadog) and improved incident response by facilitating RCA sessions and cross-team communication.
- Strengthened DevSecOps practices through IAM governance, vulnerability management, automatic scan and sanity the package and CI/CD security gates.
- Mentored junior engineers and strengthened team capability through structured documentation, and peer reviews.
- **Key Projects and Impacts:**
  - **Big Data Cloud Migration** – Successfully transitioned legacy on-premise infrastructure to Alibaba Cloud, ensuring zero data loss and enabling elastic scalability for future data growth.
  - **Customer 360** – Centralized customer data insights on a high-performance Docker & ECS architecture, ensuring secure, real-time data retrieval via WAF and VPN IDaaS integration.
  - **Next-Gen Big Data Ecosystem** – Accelerated data processing velocity by implementing a modern serverless stack (Flink, MaxCompute, Paimon), streamlining data lake management and automated Airflow workflows.
  - **Cross-Cloud VPN** - Architected and deployed a secure site-to-site VPN tunnel between Alibaba Cloud and GCP to enable cross-cloud AI processing, collaborating with security and data-engineering teams to ensure policy compliance and reliable throughput.
  - **Conglomeration Hybrid Infra** - Optimized traffic distribution for legacy and containerized workloads using Nginx and SLB, enhancing application stability and access management.

## Cloud Engineer

*July 2021 - Oct 2022*

### *SinarMas Bank*

- Architected and deployed high-availability, multi-AZ cloud environments while communicating design trade-offs to stakeholders and guiding teams through the migration.
- Built self-healing GitLab CI pipelines, reducing deployment failures by **40%** and maintaining **99.99% service uptime**.
- Reduced cloud spend by **\$5,000/month** through FinOps automation, rightsizing, and usage monitoring.
- Migrated legacy applications to Kubernetes and Docker, improving scalability and deployment speed by **60%**.
- Enhanced security posture via zero-trust networking, IAM hardening, automated policy enforcement, and implemented Alibaba Cloud CDN & WAF Gen 3, reducing attack surface and improving response times by **30%**.
- **Key Project and Impacts** — Bank SinarMas ICE Projects Alibaba Kubernetes Infra:
  - **ICE Kubernetes (ACK) Platform** – Orchestrated high-availability production clusters (8 nodes), maintaining 99.9% uptime while securing 10k+ concurrent requests via WAF and SSL termination.

- Designed serverless cloud architectures using AWS Lambda and Alibaba Function Compute, reducing compute overhead and improving event processing efficiency.
- Built automated CI/CD pipelines through collaborative planning with QA and development teams, improving consistency and communication in release cycles.
- Implemented enterprise observability using the ELK Stack, enabling anomaly detection and reducing troubleshooting time by **50%**.
- Managed Kubernetes clusters (ACK, AKS) and deployed GitOps workflows using ArgoCD and FluxCD.
- Improved ISO 27001 compliance through IAM governance, policy automation, and audit-ready documentation.
- **Key Projects and Impacts:**
  - **BL-Revamp (Serverless Modernization)** - Reduced infrastructure overhead by re-architecting applications into a Serverless model (Function Compute), ensuring strict data isolation via private networks and NAT gateways.
  - **Azure AI Infrastructure** - Established a robust, scalable foundation for AI model training and inference on Azure, ensuring cross-cloud compatibility and high-performance compute allocation.