



# Yosef Satrio Aji

## Cloud & DevSecOps Engineer

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## SUMMARY

Certified Cloud DevSecOps & SRE Specialist with a background across cloud architecture, infrastructure automation, site reliability engineering, and software development. Demonstrates hands-on expertise in provisioning multi-environment cloud infrastructure using Terraform, deploying microservices on Kubernetes clusters, establishing real-time system monitoring, and maintaining scalable backend services. Holds professional-level cloud certifications across Google Cloud Platform and Amazon Web Services.

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## WORK EXPERIENCE

### Cloud Engineer

07/2023 – Present

#### PT. Metrodata Electronics Tbk.

- Architected and provisioned scalable, high-availability infrastructure on GCP and AWS using Terraform, reducing environment setup time and eliminating manual configuration drift.
- Implemented robust DevSecOps practices and centralized secrets management using Vault, enforcing least-privilege access and automating security compliance across CI/CD pipelines.
- Orchestrated production Kubernetes clusters (GKE/EKS) and engineered automated deployment pipelines via Jenkins and GitLab CI, ensuring high application uptime and zero-downtime releases.
- Designed secure cloud network topologies, including VPC peering, Cloud Armor, and IAM policies, to safeguard workloads against unauthorized access and external threats.
- Configured centralized logging, monitoring, and proactive alerting to reduce Mean Time to Resolution (MTTR) for production incidents.

### Site Reliability Engineer

02/2023 – 06/2023

#### Radya Labs Teknologi

- Configured CI/CD pipelines using Azure DevOps
- Configured monitoring and alerting services using New Relic
- Executed load testing using Apache JMeter
- Assisted with deployment for various projects using Docker, Kubernetes, and GCP
- Created monitoring scripts using JavaScript and Python

### SRE Intern

08/2022 – 01/2023

#### tiket.com

- Deployed monitoring tools using Ansible.
- Configured infrastructure on GCP using Terraform IaC.
- Monitored ecosystem services using the ELK Stack and Grafana.

### DevOps/SRE Intern

06/2022 – 09/2022

#### Fita

- Configured Kubernetes manifests for GCP deployments.
- Built Terraform IaC across all environment stages.
- Conducted bi-weekly load testing using K6 & automated shell scripts.

**Backend Developer Intern**  
**Lingotalk**

11/2021 – 03/2022

- Developed RESTful APIs consumed by frontend and mobile apps.
- Maintained backend systems using TypeScript, Express, FaunaDB, and GitLab.

**EDUCATION**

**Diponegoro University**

2019 – 2023

Bachelor of Engineering | Computer Engineering

- GPA: 3.85/4.00
- Participated in the IEEEExtreme 14.0 Competitive Programming Competition (Ranked 12th Nationally)
- Served as Practicum Coordinator, managing 14 practicum assistants to deliver lab modules.

**SMA N 48 Jakarta**

2016 – 2019

High School | Natural Science

- Served as Vice President of TERR48YTE (Computer Extracurricular Club)

**CERTIFICATIONS**

**KCNA: Kubernetes and Cloud Native Associate**

The Linux Foundation • 07/2026 – 07/2028

**Associate Google Workspace Administrator**

GCP • 04/2026 – 04/2029

**HashiCorp Certified: Vault Associate (003)**

HashiCorp • 06/2025 – 06/2027

**Professional Cloud DevOps Engineer**

GCP • 05/2024 – 05/2028

**Professional Machine Learning Engineer**

GCP • 04/2024 – 04/2028

**ACA Cloud Computing Certification**

AliCloud • 02/2024 – 02/2026

**Professional Cloud Database Engineer**

GCP • 11/2023 – 11/2027

**Cloud Digital Leader**

GCP • 09/2023 – 09/2027

**Professional Cloud Security Engineer**

GCP • 08/2023 – 08/2027

**Professional Cloud Developer**

GCP • 02/2022 – 02/2028

**Associate Cloud Engineer**

GCP • 02/2022 – 02/2028

**AWS Certified Cloud Practitioner**

AWS • 09/2021 – 06/2029

**Associate Data Practitioner**

GCP • 06/2026 – 06/2029

**Generative AI Leader Certification**

GCP • 11/2025 – 11/2028

**AWS Certified DevOps Engineer – Professional**

AWS • 09/2024 – 09/2027

**Professional Data Engineer**

GCP • 05/2024 – 05/2028

**ACP Cloud Computing Certification**

AliCloud • 03/2024 – 03/2026

**HashiCorp Certified: Terraform Associate (003)**

HashiCorp • 01/2024 – 01/2026

**Professional Cloud Network Engineer**

GCP • 10/2023 – 10/2027

**Professional Google Workspace Administrator**

GCP • 09/2023 – 09/2025

**AWS Certified Solutions Architect – Associate**

AWS • 06/2023 – 06/2029

**Professional Cloud Architect**

GCP • 02/2022 – 02/2028

**AWS Certified Developer – Associate**

AWS • 10/2021 – 09/2027

**SKILLS & TECHNOLOGIES**

**Cloud & Infrastructure:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Kubernetes, Docker

**DevOps & IaC:** Terraform, Ansible, Azure DevOps, GitLab CI/CD, Jenkins, Bash

**Monitoring & Performance:** Grafana, ELK, K6, Apache JMeter

**Programming & Frameworks:** JavaScript, TypeScript, Node.js, Express.js, Python, Go, Java, Spring, PHP, Laravel

**Databases:** MySQL, PostgreSQL, MongoDB