

SYARIP MUHAMMAD ABDILLAH

Lead System Engineer | Infrastructure & Platform Engineering | DevOps / SRE | Kubernetes | DevSecOps

Jakarta, Indonesia | +62 851-5538-3121 | abdillahsyarip@gmail.com | [linkedin.com/in/syarifabdillah](https://www.linkedin.com/in/syarifabdillah) | syarifabdillah.my.id
| credly.com/users/syarifabdillah

PROFESSIONAL PROFILE

Lead System Engineer specializing in infrastructure and platform engineering, with 6+ years of experience supporting mission-critical banking, payment, and enterprise production environments. Strong background in Kubernetes, Linux, CI/CD, Harbor, observability, DevSecOps, hybrid cloud, high availability, incident response, and infrastructure automation. Experienced in improving infrastructure reliability, operating cloud-native platforms, strengthening secure operations, and driving continuous improvement across production services. Contributed to the ETWPAD platform from initial setup to production-ready operations and supported successful scale testing for 500,000 soldiers/users through Kubernetes, GitLab CI/CD, Harbor, monitoring, log management, and DevSecOps controls.

KEY ACHIEVEMENTS

- Operationalized the ETWPAD platform from initial setup into production-ready infrastructure using Kubernetes, CI/CD, container registry, monitoring, logging, and DevSecOps controls.
- Supported successful scale testing for 500,000 soldiers/users by strengthening deployment workflow, infrastructure readiness, health monitoring, alerting, and troubleshooting practices.
- Implemented end-to-end observability with Uptime Kuma, Grafana, Loki, Grafana Alloy, Prometheus, and Node Exporter for uptime, metrics, logs, infrastructure health, and incident visibility.
- Integrated DevSecOps quality and security checks using SonarQube, OWASP ZAP, Semgrep, Aqua Security, and Trivy for SAST, DAST, container scanning, and vulnerability follow-up.
- Improved production reliability through high availability patterns using HAProxy, NGINX, Traefik, Kong API Gateway, DMZ architecture, WAF, and structured operational coordination.
- Supported banking, payment, AML, EDC, SOC, and customer-facing platforms across cloud, on-premise, VM, bare-metal, and hybrid infrastructure environments.

CORE SKILLS & ATS KEYWORDS

Infrastructure & Platform Engineering: Linux, Windows Server, Kubernetes, Docker, VMware, Proxmox, Nutanix, HPE SimpliVity, bare metal, HCI, server maintenance, platform operations, high availability

DevOps, CI/CD & Automation: GitLab CI/CD, GitHub Actions, Harbor, Jenkins, Ansible, Bash, Git, release support, pipeline improvement, infrastructure automation, GitOps exposure

Observability & Reliability: Prometheus, Grafana, Loki, Grafana Alloy, Node Exporter, Uptime Kuma, ELK Stack, Zabbix, uptime monitoring, SLA/SLO/SLI, alerting, incident response, RCA

DevSecOps & Security: SonarQube, OWASP ZAP, Semgrep, Aqua Security, Trivy, Wazuh, ModSecurity WAF, Barracuda, SAST, DAST, vulnerability management, hardening, ISO 27001 practices

Network, Gateway & HA: HAProxy, NGINX, Traefik, Kong API Gateway, reverse proxy, load balancing, DMZ architecture, firewall coordination, MikroTik, Cisco routing and switching

Cloud, Data & Middleware: Google Cloud Platform, AWS, Kafka, Confluent, Apache Druid, TigerGraph, MinIO, MySQL/PostgreSQL support, Redis, RabbitMQ

PROFESSIONAL EXPERIENCE

PT Bringin Inti Teknologi (bitcorp.) - Jakarta, Indonesia

Lead System Engineer | January 2025 - Present

- Lead infrastructure and platform engineering support for banking, payment, and enterprise-grade production environments, focusing on reliability, security, operational readiness, and continuous improvement.
- Built and operationalized ETWPAD infrastructure using Kubernetes, GitLab CI/CD, Harbor registry, Uptime Kuma, Grafana, Loki, Grafana Alloy, Prometheus, Node Exporter, SonarQube, OWASP ZAP, Semgrep, Aqua Security, and Trivy.
- Supported successful ETWPAD large-scale testing for 500,000 soldiers/users by strengthening deployment readiness, observability, platform health checks, and cross-team operational coordination.

- Managed and supported TigerGraph platform deployment for Anti-Money Laundering workloads across VM and bare-metal environments.
- Supported implementation and reporting of Kong API Gateway inside a DMZ architecture for secure service integration and controlled API exposure.
- Designed and maintained high availability patterns using HAProxy, NGINX, Traefik, reverse proxy, WAF, and secure infrastructure routing for large-scale payment and EDC-related platforms.
- Monitored service availability and performance using SLA, SLO, and SLI practices; handled production incidents, troubleshooting, coordination, and RCA support.
- Implemented ISO 27001-aligned security practices, threat monitoring with Wazuh, vulnerability follow-up, infrastructure hardening, and secure operations for critical systems.
- Supported infrastructure migration and relocation initiatives involving servers, firewall coordination, Google Cloud Platform environments, and production service continuity.

PT Brngin Inti Teknologi (bitcorp.) - Jakarta, Indonesia

System Engineer | July 2020 - December 2024

- Operated cloud and on-premise infrastructure across Linux, Windows Server, AWS, Google Cloud Platform, Docker, Kubernetes, VMware, Proxmox, Nutanix, and production service platforms.
- Improved CI/CD workflows by assisting development teams with GitLab CI/CD, GitHub Actions, automation practices, deployment troubleshooting, and release support.
- Implemented and maintained observability platforms including ELK Stack, Grafana, Zabbix, uptime monitoring bots, centralized logging, and service availability dashboards.
- Configured load balancers, reverse proxies, and WAF controls using NGINX, HAProxy, ModSecurity, and cloud-based infrastructure patterns.
- Automated security testing and quality gates using SonarQube, SAST/DAST practices, CI/CD integration, and vulnerability remediation workflows.
- Installed, configured, and maintained SOC and security monitoring components including Wazuh, IDS/IPS, Kafka, ELK Stack, Apache Druid, Confluent, and related infrastructure services.
- Performed server setup, hardening, backup/restore support, patching, monitoring, and production troubleshooting for multiple customer-facing application platforms.

WIR Group - West Jakarta, Indonesia

System and Network Administrator Intern | January 2019 - June 2019

- Administered MikroTik routers, UBNT access points, NAS storage, hosting environments, and server monitoring activities for internal infrastructure operations.
- Assisted database server migration, backup, restore, and maintenance activities; supported Proxmox virtualization and basic automation using Ansible.
- Performed basic security testing and network troubleshooting using Nmap, Burp Suite, and operational diagnostic tools.

SELECTED PROJECT EXPERIENCE

- **ETWPAD - Kubernetes Platform, CI/CD, Observability & DevSecOps:** Set up and supported Kubernetes-based platform operations, GitLab CI/CD, Harbor registry, observability stack, and DevSecOps tooling; supported successful 500,000 soldiers/users testing.
- **Banking / Payment / EDC Infrastructure:** Configured reverse proxy, load balancing, WAF, monitoring, security hardening, and infrastructure services for payment and EDC-related systems.
- **AML Graph Platform - TigerGraph:** Supported deployment and operational management of TigerGraph platform for Anti-Money Laundering workloads across VM and bare-metal infrastructure.
- **SOC & Threat Monitoring Platform:** Deployed and supported Wazuh, IDS/IPS, Kafka, ELK Stack, centralized logging, alerting, and security monitoring workflows.
- **Kong API Gateway in DMZ:** Supported API Gateway implementation and reporting for controlled service integrations, security boundaries, and production operational visibility.
- **BRILink Microsite / PARI / BRIDGE / Localoka / New Pasar.id:** Installed and configured servers, performed hardening, monitoring, vulnerability patching, SAST/DAST support, and production issue troubleshooting.
- **Hybrid Cloud & HCI Infrastructure:** Supported environments using GCP, AWS, HPE SimpliVity, Nutanix, VMware, Proxmox, Linux, Windows Server, and bare-metal infrastructure.

CERTIFICATIONS & TRAINING

Verified digital badges: credly.com/users/syarifabdillah

Cloud & Infrastructure

- Google Cloud Computing Foundations Certificate; CompTIA Cloud+ Advanced; IBM Cloud SRE Essentials.
- OpenStack Administration; Kubernetes Administration; Docker and DevOps trainings.
- Zerto Certified Associate; GitLab, AWS, Cloud, Security, and DevOps trainings.

Security & Network

- Fortinet Certified Fundamentals; Fortinet Certified Associate; Apex One Certified Professional.
- Google Cloud Cybersecurity Certificate; IBM QRadar SIEM Foundation; CyberArk Certified Trustee.
- CNSS Certified Network Security Specialist; Multicloud Network Associate.

Data & Platform Engineering

- TigerGraph Associate; ArangoDB Professional.
- Kafka, Confluent, Apache Druid, observability, data platform, and platform engineering exposure through production implementation.

EDUCATION

- Universitas Budi Luhur - Master of Computer Science, 2025 - 2027.
- Universitas Terbuka - Bachelor of Information System, GPA 3.55, 2021 - 2025.
- SMK Wikrama Bogor - Computer and Network Engineering, 2017 - 2020.

HONORS & LANGUAGES

- Best Graduate - Computer and Network Engineering, SMK Wikrama Bogor, 2020.
- 2nd Place - LKS IT Network System Administration, Bogor City, 2019.
- Languages: Indonesian native/full professional; English limited working and improving for professional communication.