

ANDRIANSYAH

DevOps Engineer | Network Engineer | Sysadmin | Infrastructure Engineer

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PROFESSIONAL SUMMARY

IT professional with more than 5 years of experience in DevOps, Network Engineering, and System Administration. Experienced in designing infrastructure end to end, from the physical layer, networking, servers, and virtualization to container-based application CI/CD pipelines. Started a career as a technical educator, building a strong foundation in networking theory, and now focuses on modernizing infrastructure through containerization, orchestration, GitOps, automation, and monitoring. Proven track record of improving network and server security and optimizing system availability.

WORK EXPERIENCE

DevOps Engineer | PT DIKA

August 2025 - Present

- Designed and implemented CI/CD pipelines using GitHub Actions to automate application build, test, and deployment consistently.
- Migrated monolithic and microservices applications into Docker containers, ensuring lightweight and portable environments.
- Configured Kubernetes for container orchestration and applied GitOps with ArgoCD for automated and consistent deployments.
- Integrated Prometheus for system metrics collection and Grafana for data visualization, providing full visibility into infrastructure and application performance.
- Managed virtual machines (VMs) on Proxmox, including VM creation, configuration, and maintenance.
- Managed and maintained the mail server to support company email communication.
- Managed Linux servers, covering system administration, service configuration, and routine maintenance.
- Performed server hardening to improve security and reduce system vulnerabilities.
- Actively involved in the telemarketing infrastructure design project from scratch, covering physical infrastructure through application CI/CD.

Network Engineer | PT DIKA

October 2024 - August 2025

- Audited and fully overhauled the company network topology to improve traffic efficiency and make the infrastructure easier to scale.
- Configured Fortigate as the primary security device, including security policies, Intrusion Prevention System (IPS), and threat management.
- Implemented VLAN management to separate traffic between departments, improving internal security and reducing broadcast domains.

Teacher (Computer and Network Engineering) | SMK Catur Global

August 2019 - October 2024

- Mentored students in real network lab simulations, preparing them for industry certification standards.
- Built and managed the school network infrastructure, from local network (LAN) to internet distribution (WLAN), to support daily operations.
- Independently deployed and managed a Moodle server as a computer-based testing (CBT) platform, including database management and server optimization to handle simultaneous exams.

TECHNICAL SKILLS

DevOps & Automation: CI/CD, GitHub Actions, GitOps, ArgoCD, Docker, Kubernetes, Containerization

Monitoring: Prometheus, Grafana

Server & Virtualization: Proxmox, Linux Server, Mail Server, Server Hardening, Moodle

Networking & Security: Fortigate, IPS, Security Policies, VLAN, LAN, WLAN

Soft Skills: Problem Solving, Infrastructure Analysis

EDUCATION

Universitas Indraprasta

Information Technology (discontinued / currently enrolled)

Sep 2019 - Oct 2020

SMK Catur Global

Computer and Network Engineering

Juli 2017 - Juni 2019

CERTIFICATIONS & LANGUAGES

- MTCNA (MikroTik Certified Network Associate)
- MTCRE (MikroTik Certified Routing Engineer)
- Fortigate NSE4 Learning Certificate
- Red Hat System Administration I (RH124 - RHA) - Ver. 10

Languages: English, Indonesian