

YAN YAN HANDAYANI

Senior DevOps & Infrastructure Engineer

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PROFESSIONAL SUMMARY

Senior DevOps & Infrastructure Engineer with 10+ years of experience designing, building, and managing high-availability, multi-data-center systems for government and enterprise environments.

Specialized in distributed storage (MinIO), containerized platforms (Docker, Kubernetes), and secure networking (WireGuard VPN). Proven ability to deliver scalable, fault-tolerant infrastructure, reduce downtime, and improve system reliability in mission-critical environments.

Strong hands-on experience in Linux systems, cloud/on-premise infrastructure, and production operations with a focus on performance, security, and automation.

TECHNICAL SKILLS

Infrastructure & Systems

Linux (Ubuntu, Debian, CentOS), Proxmox, Ceph, NGINX, Apache

Container & Orchestration

Docker, Docker Compose, Kubernetes

Storage & Data

MinIO (Distributed & Replication), Object Storage Architecture

Database

MariaDB, MySQL, PostgreSQL (Replication, High Availability)

Networking & Security

WireGuard, OpenVPN, TCP/IP, Firewall (UFW, IPTables), Site-to-Site VPN

DevOps & Operations

CI/CD, System Deployment, Monitoring, Troubleshooting, Automation (Bash)

Backend & Integration


Django, .NET, REST API, GraphQL



PROFESSIONAL EXPERIENCE

Senior DevOps / Infrastructure Engineer


Dinas Komunikasi Informatika Persandian dan Statistik Bekasi

 Feb 2018 – Present

- Designed and managed multi-data-center infrastructure across 4 locations and 20+ nodes
- Managed distributed object storage handling 10+ TB data using MinIO
- Improved system reliability and reduced downtime through replication and failover strategies
- Implemented secure site-to-site VPN architecture using WireGuard for inter-data-center communication
- Built distributed object storage using MinIO with cross-site replication, improving data availability and redundancy
- Configured MariaDB master-slave replication across multiple nodes to ensure database high availability
- Deployed and maintained containerized production workloads using Docker and Kubernetes
- Led infrastructure migration across network environments with minimal downtime
- Troubleshot critical production issues across infrastructure, network, database, and application layers
- Improved system reliability and disaster recovery readiness through replication and backup strategies
- Supported mission-critical systems used by government services with high availability requirements

Chief Technology Officer (CTO)


PT Anugrah Mediatama Semesta

 2015 – 2017

- Led system architecture design and infrastructure strategy
- Managed development teams and deployment pipelines
- Oversaw integration of enterprise systems and production operations

Business Unit Director


PT IP Network Solusindo

 2012 – 2015

- Managed software development division and IT service delivery
- Led implementation of client-based IT systems and enterprise solutions

System Developer

AusAID – MIS for Rural PNPM

 2011 – 2012

- Developed and maintained VB-based applications with database integration
- Delivered system improvements and feature enhancements

PROJECT HIGHLIGHTS

- ◆ **Multi Data Center Infrastructure**
 - Designed architecture across 4+ locations
 - Implemented secure connectivity using WireGuard
 - Achieved high availability with replication and failover
- ◆ **Distributed Object Storage (MinIO)**
 - Built multi-node MinIO cluster with replication
 - Ensured data redundancy and disaster recovery readiness
- ◆ **Database High Availability**
 - Implemented MariaDB replication (1 master, multiple slaves)
 - Improved database availability and fault tolerance
- ◆ **Containerized Platform Deployment**
 - Deployed production workloads using Docker & Kubernetes
 - Managed multi-service environments with scalability in mind

EDUCATION

S1 Teknik Informatika

STMIK ROSMA Karawang – 2011

CERTIFICATIONS

- Red Hat Certified Virtualization Administrator (RHCVA) – 2014
- Certified Competency – Programmer (BNSP, Indonesia) – 2025
- Nutanix Technical Training – NOS 3.0.1 (2013)