YASFA SHOLEHUDIN

DevOps / IT Infrastructure Engineer
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PROFESSIONAL SUMMARY

IT Infrastructure Engineer with 12+ years of experience in enterprise infrastructure, production operations, DevOps practices, system reliability, automation, and application platform management. Experienced in Linux server administration, Docker, CI/CD, high availability architecture, database operations, networking, and AI-powered application integration using LLM and RAG architecture.

PT Air Box Technologies — IT Infrastructure Engineer

Sep 2022 – Present
• Designed and operated production and UAT infrastructure environments.
• Migrated workloads from Windows-based environments to Linux infrastructure to improve stability and resource utilization.
• Built and maintained Docker and Docker Compose based application services.
• Implemented CI/CD workflows using Git and Jenkins.
• Managed HAProxy, Apache, Cloudflare, SSL/TLS, and reverse proxy architecture.
• Managed PostgreSQL and MySQL including backup, replication, troubleshooting, and optimization.
• Designed disaster recovery solutions and recovery procedures.
• Deployed and optimized Python FastAPI applications using Uvicorn multi-worker architecture.
• Implemented monitoring, logging, backup strategies, and operational improvements.
• Developed AI solutions using LLM, RAG, vector search, and WhatsApp integration.

PT Ganesha Operation — IT Infrastructure & Network Engineer

Sep 2017 – Sep 2022
• Managed enterprise network and infrastructure across multiple locations.
• Designed LAN/WAN, routing, firewall, VPN, and connectivity solutions.
• Implemented monitoring using Zabbix.
• Managed Nginx, HAProxy, Apache, FTP, SSH, SSL, and MySQL services.
• Managed Proxmox, VMware, and VirtualBox virtualization environments.
• Implemented security controls including firewall and IDS/IDPS.

Versatile Silicon Technologies — Assistant Engineer & IT Helpdesk

2012 – 2014
• Supported semiconductor engineering and electronic development activities.
• Built prototypes and testing tools for equipment validation.
• Provided hardware and software technical support.
• Maintained LAN infrastructure and performed network troubleshooting.

SELECTED PROJECTS

• Production Infrastructure Modernization: Migration from Windows virtualization to optimized Linux production platform.
• High Availability & Disaster Recovery: HAProxy, Cloudflare, database replication, and recovery procedures.
• AI RAG Multi-Company Assistant: LLM-based assistant with knowledge isolation and WhatsApp integration.

TECHNICAL SKILLS

• DevOps: Docker, Docker Compose, Jenkins, Git, CI/CD Automation
• Infrastructure: Linux, Windows Server, Virtualization, Production Operations
• Application Platform: Python, FastAPI, Uvicorn, Apache, Nginx, HAProxy
• Database: PostgreSQL, MySQL, Backup, Replication
• Networking: MikroTik, Firewall, VPN, SSL/TLS
• AI/LLM: RAG Architecture, LLM Integration, Vector Search

EDUCATION

SMK Bandung Timur — Teknik Komputer & Jaringan (2009 – 2012)