

PROFILE

Highly skilled DevOps Engineer with **4.5+ years** of cloud infrastructure experience and **8+ years** in IT systems administration and database management. Proven expertise in containerized deployments on AWS (EKS) and GCP (GKE), automated CI/CD pipelines via Azure DevOps and GitLab CI, and full-stack observability stacks. Additionally experienced as a **self-taught full-stack developer & automation engineer**, having independently built, deployed, and maintained multiple production web applications, n8n automation workflows, WhatsApp bot integrations, and VPS monitoring systems on a self-managed VPS.

EXPERIENCE

DevOps Engineer

Feb 2022 – Present

PT Linknet Tbk · Jakarta, Indonesia

- Architected & managed workloads via Docker, Kubernetes (AWS EKS / GCP GKE), and PM2 across dev, pre-prod, and production for **4 corporate entities** (Link Net Corporate, Fiber Co, Enterprise Co, Media Co), managing **200+ microservices**.
- Built & maintained automated CI/CD pipelines (Azure DevOps YAML, GitLab CI/CD) with Docker multi-stage builds and ECR delivery — reducing deployment time by **~60%**.
- Configured advanced traffic routing & secure ingress using AWS ALB Ingress Controller and Nginx Ingress with SSL/TLS (ZeroSSL, ACM) across **10+ domains**.
- Designed enterprise monitoring, logging & alerting using Prometheus, Grafana, Loki, and Alertmanager — achieving **full-stack observability** across all environments.
- Strengthened DevSecOps by integrating SonarQube, Nessus, Vooki, and Mend.io into automated pipelines, **reducing security vulnerabilities** in releases.
- Managed AWS Security Groups, VPC endpoints, and RDS PostgreSQL databases for multi-tenant environments.
- Automated operational tasks with Bash, Ansible, and Python scripting; built custom IIS deploy systems for ASP.NET legacy apps — saving **5+ hours/week** of manual work.
- Conducted performance & load testing with JMeter and Locust to optimize Nginx/IIS — improving server throughput by **~30%**.

Senior IT Administrator & DBA

2014 – 2022

PT Transmarco (Hush Puppies) · Jakarta, Indonesia

- Managed enterprise DBA for MySQL, Oracle, and SQL Server — high availability, performance tuning, and backup procedures.
- Supervised corporate IT systems: server management (Windows/Linux), local network infrastructure, hardware/software provisioning.
- Provided tier-3 IT support for nationwide retail & Point-of-Sale (POS) environments, minimizing operational downtime.

SELECTED PERSONAL PROJECTS (FULL LIST AT YUNUSSUSMANTO.MY.ID)

Rasendriya Finance Dashboard

finance.rasendriya.web.id

Full-stack personal finance application with cashflow charts, budget tracking, auto-categorization by keyword rules, and JWT auth. CI/CD via GitHub Actions → GHCR → Watchtower auto-deploy.

React 18ViteExpress.jsPostgreSQLDockerGitHub ActionsNginxJWT

LinkedIn Auto-Responder Extension

Chrome Extension (Manifest V3) injecting an AI "Draft Reply" button into LinkedIn messages using Gemini API to generate context-aware response drafts for recruiter messages.

Chrome ExtensionManifest V3Gemini APIJavaScriptLinkedIn API

VPS Monitoring & WhatsApp Alerting

Python multi-script system: 3x/day VPS health reports + real-time anomaly alerts (CPU/RAM/Disk/SSH brute-force) to WhatsApp via WAHA API with auto-recovery watchdog.

PythonWAHA APIWhatsAppLinuxSecurity Monitoring

n8n Tech News WhatsApp Workflow

Automated n8n pipeline aggregating 28 RSS & YouTube sources (TechCrunch, Wired, HN, etc.) and delivering curated technology digests to WhatsApp every 3 hours via WAHA API.

n8nRSS/AtomJavaScriptWAHA APIWhatsApp

Poloniex BTC Auto-Trading Bot

Automated cryptocurrency trading bot integrated with the Poloniex API. Tracks equity and profit denominated strictly in Bitcoin (BTC) base currency (฿) with 8-decimal precision, and manages real-time order queues with dynamic spot price conversion. Built with Node.js and PostgreSQL.

Node.js Poloniex API PostgreSQL WebSockets Trading Bot

TECHNICAL SKILLS

CLOUD, CONTAINERS & CI/CD

AWS (EKS, ECR, S3, RDS), GCP (GKE), Azure, Docker, Kubernetes, Helm, Docker Compose, Azure DevOps, GitLab CI/CD, GitHub Actions, Jenkins, Git

AUTOMATION & SCRIPTING

n8n Workflows, Python, Bash, Ansible, YAML, PowerShell, Cron, PM2

FULL-STACK DEVELOPMENT

React 18/19, Vite, Next.js 16, TypeScript, Node.js, Express.js, REST API, Zustand, Recharts, HTML/CSS/JavaScript, Tailwind CSS

MONITORING & SECURITY

Prometheus, Grafana, Loki, Alertmanager, Netdata, SonarQube, Nessus, Vooki, Mend.io, Fail2ban

DATABASES & ORMS

PostgreSQL, MySQL, Oracle, SQL Server, SQLite, Prisma ORM, Knex.js

INFRASTRUCTURE & INTEGRATIONS

VPS (Ubuntu), Nginx reverse proxy, SSH, DNS, IIS, SSL/TLS automation, WAHA WhatsApp API, Telegram Bot API, Manifest V3 Browser Extension, JMeter, Locust

CERTIFICATIONS

Calico Operator Azure Expert Calico Operator AWS Expert Google Analytics 360 Google Cloud – API Gateway Google Cloud – Streaming Analytics into BigQuery

EDUCATION

Bachelor's Degree – Information Technology

Universitas Pamulang, Banten
2014 – 2017