

NANDA WIJAYA PUTRA

+6282114410192 | nanwp.dev@gmail.com | <https://www.linkedin.com/in/nandawijayaputra/> | github.com/nanwp medium.com/@nanwp
Jatiasih, Kota Bekasi - Jawa Barat

Professional Experience

PT Kreanova Pharmaret (Apotek Roxy) - DKI Jakarta Jan 2025 - Jul 2025

DevSecOps - Freelance

Pharmaceutical Retail company

- Built end-to-end observability stack with Grafana, Prometheus, and Loki, enabling real-time monitoring of performance metrics and centralized log collection.
- Optimized CI/CD pipelines using GitLab CI, reducing deployment time by 60% and enabling faster feature releases.
- Administered GitLab repositories, enforcing branch protection rules, access control, and repository structure to streamline team collaboration and code quality.
- Managed multi-environment servers (development, staging, production), including SSH access setup, load monitoring, and incident troubleshooting, ensuring >99% uptime.
- Deployed and maintained K3s clusters to improve application scalability and high availability across services.
- Automated deployment workflows with Docker, Kubernetes (Helm charts, YAML manifests), cutting manual configuration errors and improving release consistency.

PT BUSANID TECHNO ASIA - Jakarta Barat Feb 2024 - Jun 2025

Backend Developer

A leading IT services and consulting firm delivering scalable IT solutions for Indonesian enterprises.

- E-Commerce Platform: Developed backend services in Golang (product catalog, cart, reviews, favorites, payment gateway integration, order queues, and cron schedulers). Designed efficient PostgreSQL queries and materialized views to enhance data retrieval performance.
- ERP System Migration: Refactored Laravel services into Golang, redesigned database queries, and introduced pagination to resolve N+1 query issues, cutting API response time from 5 seconds to 100ms, greatly improving system scalability and user experience.
- Retail Data Synchronization: Built real-time transaction and stock sync across outlets using Apache Kafka; developed monitoring dashboard with Next.js and deployed per-outlet microservices with Docker.
- POS System: Delivered APIs for transactions, stock, and customer management, including PDF generation, email notifications, and rollback-safe data sync services.
- Search Engine: Implemented Algolia integration for fast product search and filtering, significantly improving query accuracy and speed.

Education Level

Institut Pertanian Bogor - Bogor Aug 2021 - Jun 2025

Bachelor of Teknologi Rekayasa Perangkat Lunak, 3.43/4.00

- Top 10 Finalist in the Hackfest organized by Google Developer Student Indonesia, competing against over 700 teams.
- Thesis: Comprehensive Observability Integration Using Logs, Metrics, and Tracing to Enhance Reliability and Scalability of Backend Systems

Organisational Experience

Micro IT - IPB Vocational School Feb 2023 - Nov 2023

Head of Software, Hardware, and Networking Division (SHN)

- Led the SHN division within the MICRO IT organization, focusing on strengthening team membership and enhancing the skills of members through targeted training programs.
- Organized and conducted various workshops and training sessions to improve technical proficiency in software, hardware, and networking among division members.
- Collaborated with other divisions to contribute to the overall growth and development of the MICRO IT organization.

Project

- Projects** (2024): Maintained the ODRPLAT website using Express.js and MongoDB.
- Open Source** (2024): Golang library designed for managing connections to a database using the sqlx package. It provides a simple and efficient way to handle database connections, execute queries, and manage transactions.
- Projects** (2023): Developed the backend for the Sekolah Penggerak program under the Indonesian Ministry of Education and Culture using Golang.