MUHAMMAD NAJIB FAUZAN

IoT System & DBA | Junior DevOps Engineer

@ najibfauzan88@gmail.com 🔗 **https://devops-pemula.tech/** 📍 Jakarta, Indonesia

SUMMARY

IoT & Database System Administrator specializing in DevOps practices, automation, and infrastructure modernization. Experienced in implementing CI/CD pipelines with Kubernetes, database optimization, and leading transformative projects including DevOps infrastructure transformation and AI Portal implementation.

EXPERIENCE

IoT & Database System Administrator

PT Garuda Yamato Steel

📅 10/2025 - Present 📍 Jakarta, Indonesia

A company focused on steel production and technology integration

- Designed and implemented automated backup pipelines for PostgreSQL and SQL Server
- Utilized AWS Backup Discovery for backup visibility
- Led IoT Digital Caliper project: vendor coordination, application integration, UAT support, QC rollout
- Created documentation, SOPs, diagrams, and system workflows
- Performed Linux server administration and application troubleshooting

Junior DevOps Engineer

PT PLN Icon Plus

📅 01/2023 - 10/2025 📍 Jakarta, Indonesia

A leading company in electricity and power system management

- Led infrastructure transformation from manual deployment to automated CI/CD pipeline using Kubernetes and GitLab
- Migrated legacy applications (.NET, Java) from manual file uploads to containerized deployments on on-premise environment
- Implemented comprehensive monitoring using Grafana with WhatsApp integration for real-time system alerts
- Automated operational tasks and deployment workflows, reducing manual work by 50%
- Enhanced system reliability and uptime through container orchestration and automated testing processes

Custodian Staff

PT BFI Finance Tbk

📅 01/2019 - 12/2021 📍 Jakarta, Indonesia

A finance company providing comprehensive financial services

- Managed compliance documentation and prepared asset flow reports to support operational accuracy.
- Processed and validated vehicle ownership documents to meet regulatory standards.
- Coordinated with internal teams to ensure timely completion of daily operational tasks.

EDUCATION

Bachelor of Management

STIE TotalWin Jakarta

📅 01/2017 - 05/2021 📍 Jakarta, Indonesia

KEY ACHIEVEMENTS

💎 **DevOps Infrastructure Transformation**
Transformed manual deployment to automated CI/CD pipeline using Kubernetes, GitLab, and Grafana monitoring with WhatsApp integration.

💬 **IoT Digital Caliper Implementation**
Led the IoT Digital Caliper project, revolutionizing QC measurement workflows through digitalization and IoT integration

🚩 **Automated Database Backup System**
Automated backup processes for critical databases, significantly reducing risks associated with data loss

SKILLS

IoT   Linux   PostgreSQL   SQL   AWS

SQL Server   Linux Server

Windows Server   GitLab CI   Jenkins

Docker   Kubernetes   APM   Grafana

PROJECTS

DevOps Infrastructure Transformation

📅 01/2025

Transformed manual deployment processes into automated CI/CD pipeline

- Built automated infrastructure using Kubernetes and GitLab with Grafana monitoring and WhatsApp integration for real-time alerts.

IoT Digital Caliper Implementation

📅 10/2025

Utilized IoT technology to enhance the quality control process

- Digitized the QC measurement workflow using IoT devices and coordinated the full integration into QC operations.

Automated Database Backup System

📅 10/2025

Created a system for automatic backups to ensure data integrity and availability

- Implemented automated backup strategies for PostgreSQL and SQL Server, including detailed reporting and restore validation processes.