

Azril Pramudia Anugrah

Backend Developer | Golang

Contact Information

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Portfolio: meowhx.my.id

Summary

Fresh graduate in Informatics Engineering with a strong focus on backend development, specializing in Golang and RESTful API design. Experienced in building scalable server-side applications from first principles, with solid understanding of database management and deployment workflows using Docker and Linux. Backed by real-world internship experience in network engineering, bringing a strong foundation in infrastructure and system communication to backend engineering roles.

Key Skills

- Backend & Languages: Go (Golang), Node.js, REST API, WebSocket, Unit Testing
- Database: MySQL, PostgreSQL, Prisma ORM
- Tools & Technologies: Docker, Git, Linux, Nginx, Swagger/OpenAPI, GNU Make (Makefile)
- Frontend: HTML, CSS, JavaScript, React.js, TailwindCSS

Experience

IoT Engineer Intern (Backend & System Integration) - PT. Langgeng Cipta Solusi **Sep 2025 - Dec 2025**

- Developed and maintained RESTful API endpoints for sensor data ingestion and processing using Node.js and MySQL
- Implemented real-time data pipeline from MQTT broker to backend server, streamed to frontend via WebSocket
- Developed IoT prototypes using ESP32 and C++ for real-time sensor data acquisition
- Built end-to-end air quality monitoring system with web-based visualization dashboard

Technical Mentor - Informatics Coding Camp Season 4 **May 2025 - Jun 2025**

- Mentored 5+ students in HTML, CSS, JS achieving 100% session completion rate
- Assisted debugging and guided personalized learning paths in both frontend and backend development

Web Development & UI/UX Student - Infinite Learning Indonesia (MSIB) **Sep 2024 - Dec 2024**

- Built 2+ responsive web apps with React.js, improving UI consistency across component
- Applied UI/UX design principles to deliver user-friendly, accessible interfaces

DevOps & Cloud Server Trainee - ID-Networkers **Apr 2022 - May 2022**

- Completed Intensive 1-month training in DevOps fundamentals and cloud server management
- Gained hands-on experience with Linux server administration and deployment workflows

Network Engineer Intern - CV. Walatra Infotech Service **Mar 2021 - May 2021**

- Handled network troubleshooting and hardware maintenance for office workstations
- Configured and maintained LAN/WAN infrastructure including routers, switches, and access points
- Provided IT support to end users and assisted in network device installation

Projects

Go Job Queue & Worker Pool

Built a concurrent job queue system in Go using standard library, implementing a worker pool pattern to process jobs in parallel. Features include HTTP endpoint for job submission, retry mechanism for failed jobs, and graceful shutdown using context, sync.WaitGroup, and channel. Demonstrates core Go concurrency primitives in a production-ready architecture.

Portdock Container as Services

Developed a Container-as-a-Service (CaaS) platform that automates cloud hosting orchestration via Docker Engine API. Built a scalable backend with NestJS and Bun handling container lifecycle management including provisioning, deployment, and monitoring. Integrated Next.js dashboard for real-time container status visualization and management.

Certification

Problem Solving (Basic) - HackerRank	2026
Web Development & UI/UX - Infinite Learning Indonesia (MSIB)	2024
DevOps & Cloud Server - ID-Networkers	2022
IT Support - Google / Coursera	2022

Education

Universitas Islam Nusantara	Aug 2022 - Nov 2026
Bachelor's Degree in Informatics Engineering	
SMKN 1 Cihampelas	Jul 2019 - May 2022
Student in Computer Network Engineering	