

GHUFRON AKBAR MAULANA

Software Engineer | JLPT N3 Certified

Magelang, Jawa Tengah, Indonesia | +62 851-5603-1385

contact@lans.my.id | linkedin.com/in/ghufronakbar | lans.my.id | github.com/ghufronakbar

Professional Summary

Informatics graduate (GPA 3.77) with strong expertise in **Backend Engineering** and **System Architecture**. Proficient in **Golang**, **Nest.js**, and **Docker**, with hands-on experience leading technical teams for enterprise-grade solutions. **Japanese language proficient (JLPT N3)** and eager to leverage technical skills in the Japanese software industry. Committed to building scalable, high-performance systems.

Professional Experience

PT Haystudio Technology Solutions

February 2023 - Present

Software Engineer

- Co-founded a **software agency** catering to **B2B and B2G clients**. Led the engineering division in delivering enterprise-grade solutions
- Delivered end-to-end web solutions for **5+ clients**, translating complex business needs into functional technical specifications.
- Spearheaded the development of internal proprietary products, including a SaaS platform and SDG-aligned initiatives.
- Designed scalable system architectures and selected appropriate tech stacks (**Golang/Express/React**) to minimize technical debt.
- Ensured **100% on-time delivery** for client projects through effective agile project management.

PT Dahono Consulting Agency

November 2025 - May 2026

Backend Developer (Intern)

- Architected and developed a robust backend system for an enterprise-grade application using **Nest.js and PostgreSQL**.
- Optimized database queries and API response times to ensure high performance for scalable user loads.
- Collaborated with the frontend team to integrate RESTful APIs based on precise business requirements.

Universitas Teknologi Yogyakarta

September 2024 - January 2025

Lecturer Assistant

- Supported over **50 students** in mastering web development with Flask (Python), and **led practical sessions** providing hands-on guidance in both theory and real-world projects.
- **Enhanced student engagement** by implementing interactive code review and collaborative programming practices.

Project Experience

Postmatic – AI SaaS Platform | PT Haystudio Technology Solutions

March 2025

Technical Lead & Backend Developer

- Architected and executed the backend system migration from Node.js/Express to **Golang and SQLC**, significantly improving query performance and system scalability for an **AI-powered SaaS** platform.
- Engineered a '**Social Media Specialist**' AI agent utilizing **OpenAI & Gemini APIs** to analyze trending topics and automate cross-platform content scheduling for MSMEs.
- Directed the technical roadmap and managed cloud infrastructure deployments using **Docker** to ensure high availability and seamless integration.

Pemuda Magelang Kota – Platform for Youth | Pemerintah Kota Magelang

October 2025

Fullstack Web Developer

- Commissioned by **Magelang City Government** to build a platform empowering **~5,000** high school youth.

- Developed a web ecosystem for showcasing talents, achievements, and youth aspirations.
- Worked with government and schools to align system requirements with youth development goals.
- Implemented scalable website with Next.js & PostgreSQL to support future city-wide programs.

Sigap Sipoles – Monitoring of Concrete Poles Installation | PT WIKA Beton Tbk

October 2024

Technical Leader & Backend Developer

- Led and mentored a **4-member engineering team** to deliver enterprise-grade web solutions, supporting internal business operations for 1000+ staff.
- Oversaw full software lifecycle (from planning to deployment), ensuring every milestone was delivered on time and within scope.

Lestari - Wildlife Data Collection | BKSDA Yogyakarta

March 2024

Fullstack App & Web Developer

- Managed and delivered a **full-stack web & mobile application**, overseeing all aspects from architecture, API, to deployment.
- Developed scalable admin dashboard and back-office using Next.js and Express.js, powering daily operations for **100+ users**.
- Developed offline-first android mobile application using **React Native** and published to **Playstore**.

Technical Skills

Backend & Database: **Golang, Node.js (Nest.js, Express.js), PostgreSQL, Redis, SQLC, Prisma**
 DevOps & Tools: **Docker, Nginx, Git, Linux & MacOS**
 Frontend: **React, Next.js, React Native, TypeScript**

Education

Universitas Teknologi Yogyakarta

September 2021 – April 2025

Bachelor of Informatics – GPA: 3.77

Publication

WEB & MOBILE-BASED INTERACTIVE APPLICATIONS FOR VILLAGE HEAD ELECTIONS, UMKM, AND COMMUNITY COMPLAINTS

May 2025

[Show Publication](#)

Language Skills

Bahasa Indonesia (**Native**)
 English (**TOEFL Score: 510**)
 Japanese (**JLPT N3/B1**)

Certification

Assistant Web Developer – BNSP

July 2026

Certificate Pending

Data Engineering Professional Certification – Rapid Miner

August 2022

Credential ID: ecc42ab9-74b3-4e1c-97c6-c39cbcb635f7 [Show Credential](#)

Full Stack JavaScript: ReactJS & ExpressJS – HIMATIKA UTY

Desember 2024

Credential ID: 9201241880287 [Show Credential](#)