

MUHAMMAD AGIL

Backend Engineer

Tangerang Selatan, Banten • [+6287782212969](tel:+6287782212969) • aqillatas33@gmail.com • [LinkedIn](#) • [Portfolio](#)

SUMMARY

Backend Engineer with **4+ years** building production Go and Node.js services for high-traffic mobile platforms. Shipped and scaled a multi-role fintech/dealer application from 0 to **297K+ downloads and 49K+ monthly active users**, owning everything from API design to payment integration to production incident response. Comfortable leading small teams, working across the stack when needed, and shipping reliably in fast-moving environments.

EDUCATION

Universitas Pamulang - Informatics Engineering - 2018–2023 GPA: **3.23** · Thesis defended; final administrative revision in progress

WORK EXPERIENCE

Backend Developer - Elemes Group

Feb 2022 – Present

Product Impact

- Built and maintained core Golang backend services for a mobile application that scaled to **297K+ downloads, 269K+ registered users, and 49K+ monthly active users**
- Designed and shipped APIs powering a multi-role ecosystem (customer, dealer, employee), enabling onboarding and transactional workflows across finance and dealer networks
- Drove **~93%** activation from download to registration through reliable authentication and onboarding services
- Built and operate a cron/reporting service running **19 scheduled jobs**, including **Google Sheets exports, MUF partner data sync, and automated notifications**

- Extended the platform with a CRM backend spanning **90+ modules** across lead management, credit simulation, insurance workflows, referrals, and configurable rate/fee rules for dealer and frontliner sales flows
- Designed and shipped an AI-powered document assistant from scratch, with **SSE-streamed chat, OCR text extraction, and semantic Q&A** over uploaded documents

Engineering & Leadership

- Built REST APIs in **Go**, backed by **PostgreSQL, MongoDB, and Redis**, supporting concurrent mobile and internal service traffic
 - Owned production troubleshooting and feature delivery across **8+ internal and customer-facing applications**
 - Led and mentored 2 junior engineers on task planning, code review, and delivery, sustaining **~95%** sprint completion
 - Contributed to application stability and performance work that helped sustain a **4.87-star average rating across 1,188 reviews** on **Play Store** and **App Store**
-

Co-Founder - Hydrotani Tech (subsidiary of Elemes Group)

Jan 2023 – Oct 2023

- Co-founded and built IoT + backend systems for **2 hydroponic farms** in Tangerang Selatan, from concept to deployment
 - Designed and built **2 custom IoT monitoring devices** tracking **nutrient levels, pH, and water temperature**, cutting manual farmer monitoring time by **30%**
 - Owned end-to-end planning and execution, delivering **~98%** on-time across project milestones
-

Freelance Backend Developer

Sep 2021 – Jan 2022

- Designed and deployed **2** scalable APIs in **Node.js** supporting a **CMS** and an **e-commerce** platform
 - Diagnosed and resolved integration and performance issues, improving overall system reliability
-

TECHNICAL SKILLS

- **Backend:** Go (Chi, Fiber), Node.js (Fastify, Express), PHP (Laravel)
 - **Databases:** PostgreSQL, MySQL, MongoDB, Redis
 - **Tools & Infra:** Docker, Git, MQTT
 - **Payments & Messaging:** Xendit, Midtrans, Firebase Cloud Messaging
 - **Observability & Integrations:** Bugsnag, OpenTelemetry, Twilio, Verihubs, Google Sheets API
-

LANGUAGES

Indonesian (Native) · English (Professional - TOEFL 533, 2022)