

FAQIH ALAM

Full Stack Developer

South Tangerang, Indonesia

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PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience building end-to-end web applications using React.js, Next.js, Express.js, Go (Gin), Supabase, and PostgreSQL. Proficient in implementing secure authentication (JWT, bcrypt, Google OAuth), RESTful APIs, and responsive frontends with modern state management (Zustand, Redux). Background in Electrical Engineering with practical exposure to IoT and Machine Learning. Passionate about crafting scalable, user-centric digital products.

SKILLS

Programming Languages	JavaScript, Go, Python
Backend	Node.js, Express.js, Go (Gin Framework), REST API, JWT, bcrypt, Joi Validation
Database	PostgreSQL, Supabase, Prisma ORM, Redis
Frontend	React.js, Next.js, TypeScript, Tailwind CSS, Shadcn UI, Zustand, Redux
Auth & Tools	Google OAuth (Supabase), GitHub, Vercel, Render
Other	C/C++, Arduino, Raspberry Pi, PLC Programming, OpenCV
Soft-Skills	Communication, Collaboration, Adaptability, Critical Thinking, Problem Solving

WORK EXPERIENCE

Full Stack Developer Internship | [Dumbways.id](#) *February 2026 – March 2026*

- Built end-to-end web applications covering both frontend and backend development.
- Implemented secure authentication using JWT, bcrypt password hashing, and Google OAuth via Supabase.
- Developed RESTful APIs with Express.js and Go (Gin), with Joi validation for robust input handling.
- Managed application state using Zustand and Redux; integrated Redis for caching.
- Deployed fullstack applications on Vercel and Render.

Service Engineer | [PT Deltasindo Raya Sejahtera](#) *July 2024 – August 2025*

Conducted preventive and corrective maintenance on UPS systems at major data centers (Data Center Indonesia, PT. KCI, PT. Datacomm, PT. PDG).

Performed 600KVA UPS rotation (Startup/Shutdown) and VRLA battery installations at enterprise sites including Bank IBK and Mitra Keluarga Hospital.

Executed load testing and system monitoring to ensure 99.9% power reliability.

IoT & Automation Research Assistant | [ELITIA Laboratory, Telkom University](#) *2021 – 2022*

- Researched industrial automation using PLC ladder diagram programming (Omron CX-Programmer) and HMI design (CX-Designer).
- Developed IoT systems using Arduino, Raspberry Pi, and NodeMCU ESP8266/32 with MQTT and HTTP protocols.
- Mentored students in Machine Learning: data analysis, model building, evaluation, and deployment.
- Facilitated IoT workshops and practicum sessions for undergraduate students.

Network Intern | Telkom Jakarta Barat

June 2020 – August 2020

- Maintained Metropolitan Area Network (MAN) infrastructure and performed cable routing and repair.

FEATURED PROJECTS

Smart Journaling App | [Next.js](#) · [Express.js](#) · [Supabase](#) · [Grok API](#) · [TypeScript](#)

- Built an AI-powered journaling web app that helps users journal consistently and gain meaningful insights.
- Integrated Grok API to provide intelligent AI writing suggestions and mood analysis in real time.
- Implemented full authentication flow (JWT + Supabase), persistent journal storage with PostgreSQL.

Live Demo: <https://smart-journaling-assistant.vercel.app/>

Other Portfolio Projects | [faqihalam.vercel.app](#)

- Learning Portal — Web app for essay-based assessments with NLP semantic scoring (Next.js, Gin Golang, PostgreSQL, TypeScript).
- Link Hub — Social link management platform for creators and professionals (Next.js, Express.js, Supabase, TypeScript).
- Organic Store — E-commerce starter kit with real-time inventory, Supabase auth, and Midtrans payment integration (Next.js, TypeScript).
- Circle App — Social media platform with post sharing, image upload, and user following (React.js, Express.js, PostgreSQL, Prisma ORM).

EDUCATION

➤ Formal

Bachelor's Degree in Electrical Engineering | Telkom University 2018 – 2022

GPA: 3.45 / 4.00 | Specialization: Embedded Systems, IoT, Automation Engineering

➤ Non - Formal

Full Stack Developer Bootcamp | Dumbways.id December 2025 – January 2026

- Learn how to use GIT & GITHUB for work in team collaboration.
- Learn how to work as Full Stack Developer.

Machine Learning Path Graduate | Bangkit Academy (Google, Gojek, Tokopedia) 2021

- Completed ML specialization covering clustering, classification, and predictive modelling via Coursera and Qwiklabs.
- Capstone: Built an ID card (KTP) text extraction and classification app using ML, mobile dev, and cloud computing.

CERTIFICATIONS

- Coursera — [Google IT Automation with Python](#)
- Coursera — [Crash Course on Python](#)
- Coursera — [Mathematics for Machine Learning](#)
- Coursera — [Google IT Support](#)

ORGANIZATION EXPERIENCE

- Chief — UKM Taekwondo Telkom University (2020)
- Logistics Chief — ELITIA Laboratory, Telkom University (2021–2022)
- IoT Practicum Assistant Division — ELITIA Laboratory (2021–2022)
- Member — Keluarga Mahasiswa Teknik Elektro, Telkom University (2021-2022)