

AHMAD GIOFADHIL

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Fullstack and mobile software developer with experience delivering 30+ projects across 3+ countries. Strong in building web and multiplatform applications using React (Vite), React Native, Laravel, and modern databases (PostgreSQL, MySQL, MongoDB). Experienced in monorepo architecture, design system collaboration with UI/UX teams, real-time systems (WebSocket, Socket.io), and third-party API integrations. Comfortable working on Linux-based deployments with Docker, Nginx, and Cloudflare in production environments.

<https://www.giosh.com>

EXPERIENCE

LUCE SG

Frontend + Mobile Developer (Monorepo & Atomic Design)

2025 – Now

- Authored comprehensive technical specifications for Global Host Modal, Gift-Card feature, and TikTok/Reels scrollable video content.
- Developed web and mobile features using React (Vite), React Native, and GraphQL in a multiplatform setup.
- Collaborated with UI/UX to build a design system from scratch, implementing pixel-perfect UI from Figma using TailwindCSS and Radix UI.
- Contributed to designing a pnpm monorepo with separated node_modules per app-level folder installation.
- Integrated analytics and edge tooling including Google Analytics, Google Tag Gateway, and Cloudflare.

AVIRTECH (PT SKYTECH INDONESIA)

Fullstack Software Developer (IOT Data Observer Dashboard)

2021 – 2025

- Built a dynamic IoT data observer dashboard with customizable widget sizing and tenant-based data structures.
- Developed multiplatform applications using React Native and React (Vite) with pixel-perfect Figma implementation.
- Integrated third-party API layers (including satellite/external APIs) and implemented real-time data via WebSocket connections.
- Collaborated continuously with hardware engineers to align software behavior with IoT device capabilities (including MQTT/Mosquito protocol integration).
- Implemented security and identity features including modular roles, access permissions, 2FA, email integration, and custom SSO integration.

AVIRTECH (PT SKYTECH INDONESIA)

Fullstack Software Developer (Sales Force App)

2021 – 2025

- Partnered with Sales Lead to build a sales force application for tracking marketing approaches and lead status.
- Implemented Kanban drag-and-drop workflows to manage lead pipeline states.
- Delivered tenant-based architecture with modular role accounts and role-based access permissions.
- Developed and deployed on Ubuntu with Docker and Nginx, integrating email workflows.

AVIRTECH (PT SKYTECH INDONESIA)

Fullstack Software Developer (Spraying Module Reporting)

2021 – 2025

- Built a multiplatform reporting application using React (Vite) and React Native with pixel-perfect Figma implementation.
- Integrated third-party API layers and collaborated with hardware engineers to support field module data flows.
- Implemented tenant-based data architecture with modular roles and access permissions.
- Added map features using Leaflet integration and delivered BLE module support on Android.
- Deployed using Ubuntu, Docker, and Nginx.

- AVIRTECH (PT SKYTECH INDONESIA)**
Fullstack Software Developer (Company Profile Website) 2021 – 2025
- Developed a company profile website with pixel-perfect UI implementation from Figma.
 - Built with Next.js and PostgreSQL, including content management system capabilities.
 - Deployed on Ubuntu with Nginx and Docker.
- AVIRTECH (PT SKYTECH INDONESIA)**
Fullstack Software Developer (Download File Scrapper) 2021 – 2025
- Created a scraper script to download drone data via third-party integration to overcome vendor limitations.
 - Automated scheduled execution using cron on Ubuntu.
 - Implemented the solution using JavaScript and Playwright.
- AVIRTECH (PT SKYTECH INDONESIA)**
Fullstack Software Developer (Uptime Check) 2021 – 2025
- Built an uptime monitoring script to check web downtime on a schedule using cron.
 - Integrated Telegram alerts to notify stakeholders of downtime events.
 - Implemented using shell scripting on Ubuntu.
- PAPDI**
Fullstack Software Developer (App Maintainer & Migration) 2025
- Maintained production uptime and resolved live bugs across organizational applications.
 - Delivered new applications as needed, including e-commerce, LMS, and CMS solutions.
 - Managed infrastructure and deployments using Ubuntu, Docker, Nginx, Cloudflare, and Hostinger.
 - Implemented security hardening and alerting using Fail2ban and Telegram-based security notifications.
 - Integrated payments (MidTrans) and email workflows across applications.
- PAPDI**
Fullstack Software Developer (E-Commerce App) 2025
- Built an e-commerce application for selling organization products using React (Vite) and Laravel.
 - Integrated Duitku payment processing and email notifications.
 - Deployed on Ubuntu with Docker, Nginx, Cloudflare, and Fail2ban.
- PAPDI**
Fullstack Software Developer (LMS App) 2025
- Developed an LMS application to support company learning workflows and generate online certificates.
 - Integrated Duitku payments and email notifications.
 - Deployed on Ubuntu with Docker, Nginx, Cloudflare, and Fail2ban.
- ALFADIGIMEDIKA**
Fullstack Software Developer (E-Commerce) 2023
- Led a delivery team (2 web engineers, 1 mobile engineer, 1 PM) and selected the tech stack for an e-commerce application.
 - Built a multi-role system with permission-managed CRUD to support complex sales-platform-buyer workflows for hospital customers.
 - Implemented real-time notifications using WebSocket (PusherJS).
 - Delivered web and mobile components using Laravel, Next.js, React (Vite), and React Native with PostgreSQL.
 - Deployed on Ubuntu with Nginx and Cloudflare; collaborated using Figma and Whimsical.
- SIMPANPUNYARASA**
Fullstack Software Developer (Credit Maintaining Application) 2023
- Led a team (3 engineers, 1 UI/UX, 1 PM) to build a koperasi credit-flow application end-to-end.
 - Delivered pixel-perfect UI from Figma and Whimsical into production using React (Vite) and shadcn/ui with Laravel and PostgreSQL.

- Implemented multi-role users, push notifications, and PWA capabilities to enable near-native mobile notifications.
- Deployed on Ubuntu using Nginx and Cloudflare with Git-based collaboration.

ENGINEERING NOTES

Fullstack Software Developer (Zenhub-like Product) 2023

- Developed a product with Zenhub/Jira-like behavior using Next.js.
- Implemented relational data modeling using Prisma with PostgreSQL.
- Deployed with Docker on Ubuntu and integrated Cloudflare.

ARCH AI

Fullstack Software Developer (Room Design with AI) 2023

- Built a product that generates AI picture ideas for interior room design.
- Integrated third-party AI services into a Next.js application.
- Implemented database access using Prisma with PostgreSQL and deployed via Docker on Ubuntu with Cloudflare.

ENFENO

Fullstack Software Developer (Subscription & Payment Integration) 2023

- Engineered a subscription and marketing ecosystem for a Netherlands-based client.
- Built a decoupled architecture using Next.js and Prisma to manage complex PostgreSQL relations.
- Integrated Mollie for localized European payment processing and automated marketing sync via ActiveCampaign.
- Used WordPress as a headless CMS for flexible content management.
- Implemented REST API integrations and automation workflows across the subscription lifecycle.

ENFENO

Fullstack Software Developer (Booking System App) 2023

- Built a booking engine for a Netherlands-based windmill company with split-day availability and session-based scheduling.
- Implemented custom scheduling logic using Laravel, SvelteKit, and PostgreSQL.
- Delivered responsive UI and integrated email workflows.
- Deployed on Ubuntu with Nginx and managed source control with Git.

SHINIGAMI

Fullstack Software Developer (Monorepo + Multiplatform Comic Application) 2023

- Built a multiplatform comic application with consistent gestures and interactions across devices.
- Implemented web UI using React (Vite) with shadcn/ui and mobile using React Native with reusable components.
- Integrated Supabase for backend services and WorkOS for identity/organization capabilities.

BRINKS

Fullstack Software Developer (ATM Ticketing Support System) 2024

- Developed a cross-platform PWA to track ATM maintenance tickets, part requests, and part deliveries.
- Implemented real-time push notifications and WebSocket-based updates to support operational workflows.
- Built export functionality for CSV and XLSX reporting.
- Delivered fullstack features using Laravel, React (Vite), and PostgreSQL with Figma-based UI implementation.
- Deployed on Ubuntu with Nginx and Git-based collaboration.

BRINKS

Fullstack Software Developer (Sales Force App) 2024

- Built a sales force application to track marketing leads and pipeline status changes.
- Implemented Kanban drag-and-drop interactions for efficient lead management.

- Created interactive clickable chart dashboards and scorecards.
- Developed with Laravel, React (Vite), shadcn/ui, and PostgreSQL; integrated email workflows.
- Deployed on Ubuntu with Nginx and managed code with Git.

BRINKS

Fullstack Software Developer (CRM WhatsApp Integration)

2024

- Built a CRM system integrating WhatsApp APIs including template messaging support.
- Enabled real-time chat bridging between WhatsApp and the application using WebSocket services (Express.js).
- Integrated non-official WhatsApp APIs to support internal communication needs.
- Delivered interactive dashboards and realtime status changes using Laravel, PostgreSQL, and Ubuntu-based deployment with Nginx.

BRINKS

Fullstack Software Developer (IOT Realtime Interaction and Observation)

2024

- Implemented IoT real-time interaction via MQTT protocol integrated into the web architecture.
- Built real-time event delivery using Laravel Echo Server and WebSocket connections.
- Developed with Laravel and PostgreSQL and deployed using Nginx.

KASSEN

Fullstack Software Developer (Sales Force App)

2024

- Developed a sales force web application with export-to-XLSX functionality.
- Built using Laravel, Bootstrap templates, and MySQL.
- Deployed via CPanel.

EDUCATION

SMAN 54 JAKARTA
Senior High School

2013 - 2016

GUNADARMA UNIVERSITY
Bachelor's Degree

2017 - 2021

SKILLS

- **Languages:** JavaScript, SQL, Shell Script (sh)
- **Frameworks & Libraries:** React.js, React Native, Laravel, Next.js, SvelteKit, Vite, Tailwind CSS, Bootstrap, Radix UI, shadcn/ui
- **Databases & Data:** PostgreSQL, MySQL, MongoDB, Prisma, Supabase
- **Tools, DevOps & Platforms:** Git, Docker, Ubuntu, CentOS, Nginx, Cloudflare, pnpm (monorepo), CPanel, Cron, Playwright
- **Integration & Product Delivery:** GraphQL, REST API integration, WebSocket / Realtime (Socket.io, Laravel Echo Server, PusherJS), MQTT, Google Analytics, Payment gateway integration (MidTrans, Duitku, Mollie), Figma to pixel-perfect implementation, PWA, Push notifications, Access control & role permissions, 2FA, SSO integration
- **Soft Skills:** Team leadership, Cross-functional collaboration (UI/UX, hardware engineers), Technical specification writing, Problem solving, Remote collaboration (Microsoft Teams)

LANGUAGES

- English
- Indonesia