Muh. Fayiz Syamsuddin

Full Stack Developer | Backend & AI Engineer

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SUMMARY

Full-Stack Developer and Backend/AI Engineer with an academic background in Agricultural Technology (Instrumentation & Control Systems) and intensive training across the TypeScript, PHP, and Python ecosystems. Proven track record of architecting, containerizing, and self-hosting 14+ production web applications - ranging from multi-module enterprise ERPs and RabbitMQ microservices to autonomous AI workflows (n8n, LLMs). Experienced in managing end-to-end delivery pipelines using Docker, Traefik reverse proxy, and Continuous Integration/Continuous Delivery. Open to full-time on-site (with relocation) and remote engineering roles.

EDUCATION

Maxy Academy — **South Jakarta, Indonesia**
Backend Engineer — *September 2026 – October 2026*

Screenesia — **Makassar, Indonesia**
Docker and Microservices — *June 2026 – August 2026*

Hacktiv8 — **South Jakarta, Indonesia**
Full Stack JavaScript Immersive Program (Transcript) — *April 2025 – August 2025*

Universitas Hasanuddin — **Makassar, Indonesia**
Bachelor of Agricultural Technology (GPA 3.72/4.00) — *2020 – 2024*

WORK EXPERIENCE

Promptive — **Bekasi, Indonesia**
Frontend Developer — *September 2025 – December 2025*

- Engineered and maintained responsive, type-safe web interfaces in close collaboration with UI/UX designers and backend engineers.
- Optimized frontend component rendering and asset delivery, improving overall page load performance by 40%.
- Integrated complex RESTful APIs and state management workflows, delivering interactive features that increased user engagement by 25%.
- Enforced clean code standards through structured Git workflows, pull request reviews, and cross-functional agile sprints.

Agricultural Extension Center — **Makassar, Indonesia**
Assistant Supervisor — *January 2023 – February 2023*

- Provided technical guidance to 6 farmer groups on horticultural crop management
- Created land layout plans to support efficient horticultural land utilization
- Coordinated farmer group formation and knowledge-sharing activities with local communities

SKILLS

Language: JavaScript (ES6+), TypeScript, PHP, Python, SQL
Frontend & Mobile: Next.js (App Router), React.js, React Native (Expo), Tailwind CSS, Apollo Client, Vite, Zod, Server-Side DataTables
Backend & Architecture: Node.js, Express.js, Laravel, RESTful APIs, GraphQL (Apollo Server), Microservices, RabbitMQ, Socket.IO, Sequelize ORM, Prisma ORM
AI & Automation: OpenAI API, Gemini AI, OpenRouter, Groq LLM, n8n Workflow Automation, Streamlit, Puppeteer, Selenium, Web Scraping & Data Mining
Database, Cloud & DevOps: PostgreSQL, MySQL, MongoDB, Redis, Supabase, Docker, Docker Compose, Traefik Reverse Proxy, Nginx, CI/CD, AWS EC2, Vercel, Firebase, Cloudinary
Testing & Payment Gateways: Jest (Unit & Integration Testing), Vitest, Postman, Git/GitHub, Midtrans API, Xendit API

PROJECTS

Pinventa (Geo-Targeted B2B Prospecting AI Agent) - *Full-Stack & AI Engineer* *October 2026*
Tech stack: Next.js, TypeScript, n8n Agents, LLM APIs, Google Maps/Places, Tailwind CSS

- Built an autonomous B2B sales intelligence platform during the Maxy Academy Hackathon that converts geographic map pins and radiuses into verified enterprise prospects.
- Orchestrated multi-step n8n agent workflows to automate business discovery, public web/contact enrichment, AI opportunity analysis, weighted 0–100 lead scoring, and personalized outreach email drafting with anti-hallucination verification.

Opsora (Enterprise Business Operations ERP) - *Full-Stack Engineer* *August 2026*
Tech stack: Next.js, TypeScript, Express.js, PostgreSQL, Prisma, Docker, Cloudinary, CI/CD, Traefik

- Architected a multi-module enterprise ERP system managing inventory, purchasing cycles, sales workflows, HR attendance, automated payroll calculations, performance reviews, and role-based access control (RBAC).
- Deployed the production system on self-managed cloud infrastructure using Docker Compose, Traefik SSL reverse proxy, Cloudinary CDN, and automated GitHub Actions CI/CD pipelines.

Denver Build & Studio Booking (2 Production Systems) - *Full-Stack Engineer* *August 2026*
Tech stack: Next.js, TypeScript, PostgreSQL, Prisma, Zod, Docker, Traefik

- Developed a corporate construction platform with a bespoke Admin CMS and dynamic SEO metadata engine (*Denver Build*), alongside an end-to-end photography studio reservation and package scheduling system (*PhotoBooth*).
- Implemented strict runtime schema validation using Zod and relational data modeling with Prisma ORM, containerized behind Traefik reverse proxy.

Click Booth AI (Interactive Digital Photobooth) - *Full-Stack Engineer* *July 2026*
Tech stack: Next.js, TypeScript, MongoDB, OpenAI API, Midtrans, Fonnte WhatsApp API, Docker

- Engineered a browser-based photobooth platform integrating OpenAI for generative features, Midtrans payment webhooks for automated checkout verification, and Fonnte API for instant WhatsApp media delivery.

SIO App (Event-Driven Microservices Architecture) - *Backend & Full-Stack Engineer* *June 2026*
Tech stack: Node.js, Express.js, React.js, PostgreSQL, RabbitMQ, Docker, Traefik, CI/CD

- Re-engineered a monolithic restaurant ordering system into decoupled microservices routed behind a Traefik API Gateway, utilizing RabbitMQ for asynchronous inter-service messaging and automated PDF invoice generation.

Additional Self-Hosted & Bootcamp Systems (2026):

- **Omnichannel AI Chatbots & Laravel ERP Modules:** Built web/Telegram/WhatsApp AI chatbots (*PeduliKampanye*) using Laravel, Next.js, n8n, OpenRouter, Groq, and Hugging Face; engineered Laravel sales/purchasing ERP cycles with Server-Side DataTables and Xendit payment webhooks (*Pedulink*).
- **Full-Stack Web & Mobile Deployments:** Built and deployed *Next Balance E-Commerce* (Next.js, MongoDB, Redis), *Sportify Court Booking* (React, Express, Midtrans, Gemini AI), *Smart Chat Real-Time App* (Socket.IO, Gemini AI), and *Cross-Platform Social Media App* (React Native, GraphQL, Apollo).

CERTIFICATIONS

HackerRank Verified Certifications (Aug 2025): Software Engineer Intern, Problem Solving, React, JavaScript

Udemy Technical Completions (Aug 2025): Single Page Applications with React (UC-9cb347dc), React Native Functions & Usage (UC-5a11e8b0), Modern JavaScript (UC-341eee72)