

DAFFA AKBAR

AI Engineer

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Surabaya, Indonesia



SUMMARY

AI Engineer with more than 5 years' experience in backend, infrastructure and systems programming. Builds and operates production LLM infrastructure — self-hosted model serving on vLLM, a LiteLLM gateway fronting internal applications, and LangChain/LangGraph agent workflows integrated with the enterprise data warehouse. Backed by a full-stack engineering foundation in microservices architecture (Node.js / .NET), containerized delivery and cloud data platforms. Seeking a role that values automation, scalability and clean system design.

EXPERIENCE

AI Engineer

PT. Mitra Pinasthika Mulia

01/2026 - Present Surabaya, Indonesia

A logistic company specializing in distributing Honda motorcycle

- Built and operated the company's LLM serving infrastructure with vLLM, deploying and running self-hosted models on internal hardware.
- Introduced LiteLLM as a central AI gateway, giving internal applications a single interface across self-hosted and third-party models with unified routing, authentication and usage tracking.
- Developed and integrated LLM-backed applications using LangChain to power an internal agent builder, and LangGraph for stateful, multi-step agentic workflows.
- Integrated LLM services with the enterprise data warehouse, opening operational data to natural-language querying and retrieval.

Senior IT Application Developer

PT. Mitra Pinasthika Mulia

07/2021 - 12/2025 Surabaya, Indonesia

- Architected and implemented microservices-based backend systems (Node.js / .NET) to modularize legacy monolithic solutions, improving deployment agility.
- Led cross-functional coordination with system analysts and stakeholders to define optimal system architecture and ensure alignment with business goals for each new module.
- Introduced containerization with Docker for scalable deployments and CI/CD, resulting in reduction in resource costs or provisioning time.
- Mentored other developers and advocated for developer-tool adoption (GitHub Copilot, Google Gemini, Ollama) to accelerate code quality and developer productivity.

Web Developer

Freelance

03/2020 - Present Remote

Independent web development projects

- Developed bespoke web applications for clients including educational institutions and retail shops — delivering solutions using frameworks such as Next.js, React, Vue.js, Laravel, and others depending on project needs.

EDUCATION

Bachelor of Applied Computer Science

State Polytechnic of Malang (GPA: 3.91/4.00)

06/2017 - 09/2021 Malang, Indonesia

STRENGTHS

★ Application Development Expert

Advanced experience in application development and collaboration with cross-functional teams

💎 System Design Specialist

Skilled at working with system analysts and stakeholders to determine optimal architecture and system design for complex business problems.

KEY ACHIEVEMENTS

🚀 Company-Wide AI Initiative

Initiated AI adoption at company level, taking LLM infrastructure and applications from proposal through to production use across the business.

💡 Leadership in IT Community

Led an IT Community as the Head of Research and Development, enhancing skills and knowledge within the group

LANGUAGES

Indonesia

Native



English

Proficient



SKILLS

vLLM

LiteLLM

Ollama

LangChain

LangGraph

Claude Code

GitHub Copilot

TypeScript

Javascript

Node.js

.NET

Python

Microservices

React

Next.js

Vue.js

Angular

Laravel

PostgreSQL

SQL Server

Apache Kafka

Docker

Firebase