

Ong Kok Donq (Terry)

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SUMMARY

Applied AI Software Engineer with a track record of shipping LLM systems and placing in AI hackathons. Focused on backend, cloud infrastructure, and turning AI prototypes into deployed products.

EXPERIENCE

FINKNIGHT SDN BHD

Petaling Jaya, Selangor

AI Engineer

March 2026 – Present

- Architected auth flow in a multi-tenant Nuxt.js CSR system using Supabase Auth and Pinia
- Automated financial data reconciliation / integrity check against DB using Python (asyncpg), **saving 1 hour** per run compared to manual audit
- Automated serverless web scraping activity checkup using Python, Gemini and Resend, surfaced **4 security incidents** automatically without manual log review
- Used GA to pinpoint the slowest-loading pages, then cut median load time **from ~400ms to ~200ms** via Cloudflare CDN caching and Nuxt Image optimization

SELECTED PROJECTS

Nego-lah | [GitHub Repo](#)

\$1 Hackathon

Full Stack Developer

Jan 2026

- Architected an AI-driven marketplace using LangGraph to automate end-to-end seller workflows
- Features include integrating **multi-modal image analysis**, dynamic **market-price web scraping** using DuckDuckGo, **automated negotiation logic**/customer service and **payment generation** using Stripe
- Processed real seller transactions, completing **2 sales** within a **2-hour** hackathon window
- Tech stack: Nuxt.js, FastAPI, LangGraph, Docker, Gemini, Git, GitHub Actions, AWS Lightsail, Caddy, Redis, Supabase, Stripe

AI S.H.I.E.L.D. | [GitHub Repo](#)

Deriv AI Hackathon

Team Lead / Solutions Architect

Feb 2026

- Led a team of 5 and architected a two-layer prompt injection detector that combines TF-IDF + logistic regression, dual agentic AI debate with tool restriction and real-time SGD online retrain
- Stopped malicious prompts in **<100ms** with **95% accuracy**, **cutting 30% LLM costs** by reducing lengthy system instructions and blocking threats before reaching expensive models
- Tech stack: Next.js, FastAPI, LangChain, Pgvector, Vercel, Gemini, Supabase, Groq, Tensorflow

EDUCATION

QUEST INTERNATIONAL UNIVERSITY

Ipoh, Perak

Bachelor of Computer Science (Hons.)

Oct 2022 – Oct 2025

ACHIEVEMENTS

- **STUDENT WINNER** – ASEAN AI Malaysia Summit Code Fest (2025)
- **APIFY TRACK WINNER** – \$1 Hackathon: The First Dollar Sprint (2026)
- **1ST RUNNER UP** – CIMB x Microsoft Data Science & Gen AI Hackathon (2025)
- **TOP 5** – Deriv AI Hackathon (2026)
- **TOP 10** – Google Developer Group <MyHack /> (2026)
- **TOP 10** – Cyberview <Inno/Jam> Gen AI Hackathon (2025)

ADDITIONAL

- **Languages/Frameworks:** Python, TypeScript, SQL, Nuxt.js, FastAPI, Tailwind CSS
- **AI/Cloud:** LangGraph, LangChain, Pgvector, AWS, Azure, GitHub Actions, Vercel, Supabase
- **Microsoft Certified:** AZ-900, AI-900, DP-900, SC-900, PL-900