Ong Kok Donq (Terry)

Ipoh, Perak | [GitHub](#) | [LinkedIn](#) | [Website](#) | [Email](#) | [Phone](#)

SUMMARY

AI Application Developer specializing in production GenAI systems using FastAPI, LangChain, vector databases, and cloud infrastructure. Winning two GenAI hackathons with a strong focus on LLM-powered automation, multimodal AI, and full-stack development.

EDUCATION

QUEST INTERNATIONAL UNIVERSITY *Ipoh, Perak*
Bachelor of Computer Science (Hons.) *Oct 2022 – Oct 2025*

EXPERIENCE

TEXCHEM CORPORATION SDN BHD *Subang Jaya, Selangor*
IT Infrastructure Intern *Apr 2025 – Oct 2025*

- Developed a Tkinter app to replace an obsolete manufacturing app, saving 100% software license fee
- Provided level 2 support and audited over 200+ devices in the Texchem conglomerate
- Automated FileZilla data delivery from SQL server to Power BI using PowerShell and task scheduler, saving 15 minutes daily.

PROJECTS

GT-Bot | [Source Code](#) | [Website](#) *Personal Project*
Full Stack Developer *Oct 2025 – Present*

- Built a multimodal AI Telegram bot that automates Google Workspace via natural language, supporting SSO, multilingual processing, and automated data visualization.
- Tech stack: React (Tailwind), FastAPI, LangChain, FAISS, SQLite, Docker, Google Cloud, Gemini, Git, GitHub Actions, AWS Lightsail, Caddy, Redis, Matplotlib, Telegram API, ElevenLabs,

Nego-lah | [Source Code](#) | [Website](#) *Personal Project*
Full Stack Developer *Dec 2025 – Present*

- Built an agentic AI marketplace using LangGraph and FastAPI that automates price negotiations with FAISS-backed memory, featuring a real-time admin override dashboard and Stripe integration
- Tech stack: React (Tailwind), FastAPI, LangGraph, Pgvector, Docker, Google Cloud, Gemini, Git, GitHub Actions, AWS Lightsail, Caddy, Redis, Supabase, Stripe

ACHIEVEMENTS

- **STUDENT WINNER – ASEAN AI MALAYSIA SUMMIT CODE FEST (2025)**
  - Developed backend to find the fastest hospital using OpenAI Vision + Google Routes API
  - [Source Code](#)
- **1ST RUNNER UP – CIMB x MICROSOFT DATA SCIENCE & GEN AI HACKATHON (2025)**
  - Developed an Azure web app to detect fraudulent transactions using Azure ML & Azure OpenAI
  - [Source Code](#)
- **APIFY TRACK WINNER - $1 HACK: THE FIRST DOLLAR SPRINT (2026)**
  - Converted Nego-lah tech stacks into Apify, Vercel, TRAE and generated RM42 sales within 12 hours

ADDITIONAL

- **Technical Knowledge**: Full-stack Development, LLM Orchestration, Vector DB, Cloud Infrastructure & Deployments, CI/CD, Prompt Engineering, IT Helpdesk and Operations
- **Microsoft Certified**: AZ-900, AI-900, DP-900, SC-900, PL-900
- **Languages**: Mandarin, English, Malay, Cantonese