

## AI Engineer

# NG HUI SIANG

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## SUMMARY

**AI Engineer** with hands-on experience in AI automation, full-stack development, and backend integration. Experienced in building and deploying **LLM-powered software**, automating enterprise workflows, and developing **private AI solutions** using Python, Node.js, and Express. Practical, implementation-driven background from projects including **automation at Dell Technologies**, **CDP/CRM and AI assistant development at FusionQB**, NLP applications, and full-stack AI prototypes. Skilled in **adapting and integrating external AI services** such as **n8n** and **Google Gemini** into production software systems.

## EXPERIENCE

### AI VALIDATION INTERN | Jul 2024 — Jan 2025

#### Dell Technologies - Cyberjaya

- Worked in the Validation & Transition Center of Excellence (CoE) focusing on **automation** and **AI integration** in validation workflows.
- Developed **process automation to auto-create** and **populate validation requests** from SMP into VaaS Portal, reducing Pre-Validation turnaround time.
- Supported **AI Validator Assistant** initiative to help **validation quality** and **improve productivity** for senior validators.

### Technical Developer | OCT 2025 — Present

#### FusionQB – Bangsar South

- Acted as **Main Developer** for the CDP/CRM system, covering UI/UX design, frontend and backend development, system integration and AI feature integration.
- Experienced in **AI assisted development tools** and supported the company's initiative to research and build **in-house AI SaaS services**.
- Handled **deployment and system setup**, including database design, migration, environment configuration, and production readiness.

## EDUCATION

### University of Malaya | Bachelor's Degree in Artificial Intelligence

CGPA: 3.85

**Relevant Courses:** Deep Learning, Natural Language Processing, Computer Vision, Data Structures, Algorithms Design and Analysis Practical AI, System Analysis & Design, Machine Learning, Functional and Logic Programming.

## SKILLS

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|--|------------------|
| • <b>Java, Python, C#, TypeScript, SQL, HTML &amp; CSS</b> | – Proficient     |
| • <b>ML, NLP, RAG, LoRA, Knowledge Distillation</b>        | – Highly Skilled |
| • <b>Node.js, Express, FastAPI, Azure</b>                  | – Proficient     |

## ACHIEVEMENTS

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| • <b>DevMatch (DevFest George Town 2023)</b>          | – First Runner-Up                      |
| • <b>Dell Hack2Hire 2024</b>                          | – First Runner-Up                      |
| • <b>Solana International Breakout Hackathon 2025</b> | – 5th Place (Global Track)             |
| • <b>DevMatch Hackathon 2025 (Sui Track)</b>          | – 1st Place, Best Password Manager App |
| • <b>AWS Great Malaysia AI Hackathon 2025</b>         | – First Runner-Up                      |
| • <b>PayHack'25 (Team Open Payment)</b>               | – Finalist                             |

## EXTRACURRICULAR

- **Vice Chairman, Artificial Intelligence Department, PEKOM** (Computer Science Club)
- Organized and contributed to many **tech-community events** such as Careers in Tech, Kaggle Mavericks, and **UM Hackathon**.
- Active in **peer-learning and mentorship**, encouraging students to **explore applied AI** and software engineering.