



Wijak Manoprang

AI Engineer with 2 years building production Agentic AI and LLM applications. Specialized in multi-agent systems, RAG, tool orchestration and AI automation.

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[Wijak Manoprang](#)

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SKILLS

Programming Languages: Python, SQL, JavaScript, C++, C

LLM & AI Systems: RAG, Multi-agent Systems, Agentic Workflows, Function Calling, LangChain, LangGraph, MCP

AI Engineering: AI Automation (n8n), Vector Databases, Embeddings, Prompt Engineering, VLM/OCR, LLMOps

Backend & Deployment: FastAPI, Docker, GCP, PostgreSQL, Vercel, vLLM, LiteLLM

Other: Git, Linux, SSH, On-prem GPU Server, Claude Code, Codex, Hugging Face, PyTorch, NLP, OpenCV

WORK EXPERIENCE

AI Engineer - New Technology Information Co., Ltd. (NTI)

June 2026 - Present

Ministry of Industry project: AI system for factory licensing and industrial operator registry analysis (THB 20M project)

- Delivered Mind AI, a 2-chatbot multi-agent RAG assistant (factory licensing + law advisory) in the Ministry's e-License system; passed final acceptance for production use.
- Replaced pick-a-law chatbots with fan-out RAG querying 7 laws in parallel + LLM summarizer, without 7x latency.
- Built a 600-question legal eval with Ministry lawyers (LLM-as-judge); fine-tuned model passed >95% acceptance.
- Securely self-hosted an open-weight LLM via vLLM + LiteLLM on on-prem 8xH200 GPUs; no external LLM API.
- Added parallel VLM OCR so applicants can check uploaded Thai PDFs, images and Word files for missing items.
- Led/co-led 2 onsite Agentic AI trainings for Thai government agencies.

Part-time AI Engineer - Member at DriveD

April 2025 - April 2026

Delivered AI automation, RAG and agentic solutions for DriveD clients, from use-case scoping to deployment.

- Built an AI email auto-CC system that routes company emails to the right team, cutting manual triage.
- **Contract AI Team for Brandthink (Aug 2025 - Jan 2026):**
 - Built a real-time CRM dashboard + Text-to-SQL chatbot, saving executives hours of update meetings weekly.
 - Built a LINE OA AI agent that answers FAQs, scores lead intent and alerts sales to ready-to-close leads.
 - Ran AI workshops and advised teams on AI solutions for internal workflows.

Intern AI Developer - Betimes Solutions

June 2025 - August 2025

- Built an MVP full-stack RAG chatbot for a government UAT system with pgvector semantic search.
- Self-hosted Typhoon LLM on-prem for Thai-language UAT testing with no external API dependency.

PROJECTS & AWARDS

Silver Medal - Super AI Engineer Season 6 (AIAT)

September 2026

- Passed 13 AI theory courses and a 1-month national onsite Super AI engineering camp.
- Won the WellSense AIoT Hackathon during the program.

Senior Project - Agentic Tools with MCP for CRM Actions

August 2025 - May 2026

- Built an LLM agentic CRM copilot with MCP, raising task accuracy from 71.54% to 83.85% (+12.31%).
- Added tool validation and controlled execution, cutting retries by 72% and tool queries by 35%.

Tobtan.AI - Startup Thailand League, SITE 2025 (NIA)

April 2025 - July 2025

- Co-founded an AI platform that replies to Facebook and LINE OA comments in each creator's tone.
- Selected for Startup Thailand League, won funding, and presented at SITE 2025 Demo Day.

Psychology Insights Award - True CyberSafe Hackathon 2025 (True Corporation)

August 2025

- Built an AI parental-control system that detects harmful and high-risk websites for children.

AI Agent for Autonomous Browser Control

November 2024 - March 2025

- Built a dual-agent LLM system (Planner + Browser Navigator) that autonomously runs web tasks like data extraction and form filling.

CERTIFICATIONS

Huawei Cloud Developer Certification - AI (HCCDA-AI)

Valid until April 2029

Certificate of Competency: AI Literacy for Power Users (TPQI x Huawei)

May 2026

EDUCATION

King Mongkut's University of Technology Thonburi

Bachelor of Engineering | Major: Robotics and Automation Engineering | GPA: 3.17