

KONGPHOP JAMREANSUK

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About Me

As an AI/ML Engineer, I thrive on turning complex ideas into tangible, working prototypes. My philosophy is simple: **"Make it exist first, make it good later."** This drive to build end-to-end solutions, from quick POCs to fully deployed systems, is what excites me about my work. I specialize in agentic AI, LLMs, and RAG systems, with hands-on experience in the full development lifecycle, from system design to cloud deployment.

Experience

Evokehub, AI Engineer

Bangkok, Thailand
(Remote)
Mar 2026 – Present

- **AI Payroll for Modern Award (Australia):** Designing and developing an intelligent payroll processing system specialized in Australian **Modern Award** compliance. Utilizing LLMs to parse complex industry-specific wage regulations and automate payroll calculations.
- **Automated Compliance Logic:** Implementing AI-driven reasoning to interpret legal award documents and ensure accurate payment structures, penalty rates, and allowance distributions.

Terrabit Co., Ltd., AI Engineer

Bangkok, Thailand
Nov 2025 – Feb 2026

- **Secure ASR & PII Masking Pipeline:** Developed a high-performance Speech-to-Text system complying with **PCI-DSS** standards using Thai ASR models (**Typhoon Realtime, Pathumma**). Integrated **VAD** and dynamic masking to protect sensitive data.
- **Agentic Workflow Orchestration:** Architected a state-aware multi-agent system using **LangGraph** and Open-Source LLMs (e.g., **GPT-OSS 120B**) to facilitate complex context validation and accurate information redaction.
- **High-Performance Inference:** Engineered a custom GPU load balancer to manage parallel processing across multiple GPUs. Deployed the solution as scalable microservices using **FastAPI** and **Docker**.

Super Coconut Co., Ltd., Machine Learning Engineer

Bangkok, Thailand
Nov 2024 – Oct 2025

- **Chatbot Customer Support:** Engineered an end-to-end RAG chatbot using LangChain and LangGraph, achieving over 95% answer relevance and significantly reducing repetitive queries for the support team.
- **Error Notification Agent:** Built an autonomous AI agent that proactively monitors printer logs, classifies errors with a transformer model, and dispatches actionable alerts via LINE, reducing issue resolution time.
- **AI Menu Translation Generator:** Designed and implemented an LLM pipeline for dynamic menu generation and translation, enabling rapid, context-aware content adaptation for multilingual operations.

Education

B.Sc. Ubol Ratchathani University, Data Science and Software Innovation

May 2021 – Mar 2025

- GPA: 3.25 / 4.00
- **Relevant Coursework:** Machine Learning, Artificial Intelligence, Data Structures, Web Development

Projects

Self-Assessment Report Analysis Assistant (SARAA)

Dec 2023 - May 2024

- Developed a web-based LLM pipeline (LangChain & Ollama) to automate AUN-QA document classification, fine-tuning on domain data to boost accuracy and accelerate SAR preparation.
- Built an interactive chatbot interface for end-to-end document ingestion and response generation.

Automated Product Matching System (Intern Project)

Dec 2024 - Feb 2025

- Architected a synthetic data pipeline using LangChain to train a custom NER model for structured product attribute extraction.
- Implemented a BERT-based similarity search complemented by a continuous feedback loop to ensure accurate product matching.

Student Performance Analytics Platform (SPAP)

Jan 2025 - May 2025

- Engineered a comprehensive student analytics platform with Django and Scikit-learn to predict academic performance.
- Deployed the full-stack application using Docker, Nginx, PostgreSQL, and Redis.

Skills

AI & Machine Learning: Large Language Models (LLM), RAG, Agentic AI, NLP, Fine-Tuning, LangChain, LangGraph, ASR (Speech-to-Text), MLOps, PyTorch, TensorFlow, Scikit-learn

Backend & Deployment: Python, FastAPI, Django, Docker, Docker Compose, Microservices, CI/CD, Nginx, Linux, GPU Optimization

Data & Databases: PostgreSQL, pgvector, ChromaDB, SQL, Redis, Pandas, NumPy

Languages: Thai (Native), English (B1)