

THANARAT CHUEPHASUK

Bangkok, Thailand | +66 95 934 4939 | thanarat.chue@gmail.com | <https://thanarat-int.github.io/>

SUMMARY

Hands-on builder with experience across IT infrastructure, software development, and modern AI applications — learning through real client projects to deliver working solutions for actual business problems.

TECHNICAL SKILLS

Programming Languages: Python, TypeScript, JavaScript, C#, C++, PHP

AI Engineering: RAG, Prompt Engineering, Context Engineering, Agentic AI, Vector Search, Embeddings, MCP, LangChain, LangGraph, Generative AI, OpenCV, OCR (Tesseract), Ollama, vLLM

Web Development: FastAPI, Node.js, Express.js, RESTful APIs, WebSocket, JWT, OpenAPI, React, Next.js, HTML, CSS

Databases: PostgreSQL, SQL Server, MongoDB, Firebase, Supabase, ChromaDB, Qdrant, Pinecone, Dataverse, pgvector

Infrastructure / DevOps: Linux Server, Windows Server, Raspberry Pi, Docker, Ansible, Git, GitHub Actions, Jenkins, CI/CD, Grafana, Zabbix, GCP, Fortinet, Network TCP/IP, DNS, VPN, VLAN

Tools / Automation: Robot Framework, Playwright, Selenium, n8n, Power Automate, Power BI, Power Apps, Looker Studio, AppSheet, Google Apps Script, Apache Airflow

PROJECTS

RFQ Wizard AI-Powered Cost Estimation Platform

2026

Tech Stack: Python, FastAPI, Next.js, React, TypeScript, PostgreSQL (pgvector), Three.js, Claude, Docker

- Built an AI-assisted RFQ cost estimation platform integrating ERP data, document parsing, 3D packaging visualization, REST APIs, authentication, and Dockerized deployment.

Enterprise RAG Chatbot AI Knowledge Assistant

2025

Tech Stack: Python, FastAPI, React, Qdrant, ChromaDB Claude / GPT / Gemini / Ollama, Apache Airflow, Docker

- Built a multi-user RAG chatbot for internal document search with OCR ingestion, multilingual embedding, multi-LLM support, and voice-based meeting transcription.

Sales Tracking & Forecasting Dashboard Visualization

2025

Tech Stack: Power Apps, Microsoft Dataverse, Power BI, Power Automate, Python (ARIMA), Pandas

- Developed a real-time sales reporting solution where Power Apps captures sales data, Power BI visualizes dashboards, Power Automate delivers scheduled weekly reports to management via Email and MS Teams, and a Python forecasting model predicts future sales trends.

WORK EXPERIENCE

AI Context Engineer

2026 - 2026

Srivatana Interprint Public Company Limited

- Analyzed legacy workflows and identified AI automation opportunities for the printing and packaging business.
- Deigned AI-assisted solution prototypes for document processing, internal knowledge search, and workflow automation.
- Worked independently across requirement analysis, system design, prompt/RAG experimentation, and deployment planning under limited resources and timeline.

IT Infrastructure Section Head

2021 – 2026

C.J. Express Group Co., Ltd.

- Coordinated branch IT setup teams while personally handling core servers, POS, network, hardware, and software configuration.
- Configured Cisco switches, Fortinet firewalls, access points, handheld, mobile, printers and create script file, DNS, VPN/VLAN, Windows/Linux servers, and monitoring systems for branch operations.
- Automated Linux Server and POS provisioning through AWX/Ansible, improving setup consistency and reducing repetitive manual configuration.

IT Officer

2020 – 2021

Lazada Co., Ltd.

- Supported warehouse IT operations, endpoint troubleshooting, basic server setup, backup tasks, and user support.

EDUCATION & LANGUAGES

Bachelor's Degree in Information Technology — Sripatum University, Bangkok (2025) — GPA: 3.52

Diploma in Business Computer — Eastern College of Technology, Bangkok (2019) — GPA: 2.89