

Thanawin Padsamran

Full-Stack AI Engineer · Founder of live production SaaS products

Bangkok, Thailand (GMT+7) · Open to remote & hybrid · +66 93 465 0465 · thanawin@harvesthubs.app
thanawin.dev · github.com/thanawinhvh · linkedin.com/in/thanawinhvh

SUMMARY

Full-stack engineer who designs, builds, and operates production AI systems end-to-end — from database schema to deployed infrastructure to real users in production. Founder of a portfolio of live SaaS products, including an agri-export AI platform that has processed **฿5.8M+ (~US\$165K) in real transactions** and an AI-first restaurant POS running the daily operations of a working restaurant. Winner of **two awards at the 2026 China-ASEAN AI Innovation Competition** (only Thai team among 20 international finalists). 13 years of prior client-facing sales experience — equally effective shipping systems and sitting with customers, a natural fit for solutions and forward-deployed engineering.

EXPERIENCE

Founder & Full-Stack Engineer — Harvest Hub

Feb 2025 – Present

Sole engineer behind a portfolio of live, multi-tenant SaaS products — architecture, backend, frontend, mobile, infrastructure, and customer support:

- **LaungPro** (laung.harvesthubs.app) — AI operating system for durian-export packing houses: Thai voice→structured-data intake (LLM forced structured extraction), trilingual traceability passports with QR, export-document assistant, real-time queue. In daily production use at an export packing house (structured pilot, committed to convert to paid); **฿5.8M+ in transactions across 8 export containers** processed. Two international awards (Nanning 2026); featured by China News Service — 412K+ views.
- **AIB POS** (aibpos.app) — AI-first multi-tenant restaurant POS running a real restaurant's daily operations: contactless self-checkout (table QR → e-bill → mobile-banking slip upload → **4-layer AI slip-verification cascade** → e-receipt → automatic table close), kitchen/bar displays, delivery-platform integrations, rider app with push notifications, ESC/POS printer bridge, and a React Native (Expo) tablet app.
- **MuseGen** (app.musegenx1000.com) — AI music-generation platform: ~950 generated tracks, multi-provider orchestration with automatic fallback (Suno/GoAPI/FAL), RVC voice cloning, live payment processing, OAuth SSO shared with AIB POS.
- Plus five more live products spanning GovTech (MekhongAlert — 5-language cross-border disaster-alert platform), healthcare, and e-commerce — full list at thanawin.dev.

Test Engineer — Siam Commercial Bank (SCB)

Feb 2024 – Jan 2025

API testing of banking backend services — endpoint reliability and data integrity; performance testing to identify system bottlenecks under load.

Sales Representative — Toyota Co., Ltd.

2010 – 2023

13 years of consultative sales and client-relationship management — now applied to founder-led sales and customer-facing engineering.

IT Support & Database Administrator — ALL Logistics Center

2008 – 2010

MySQL administration, warehouse-management system (WMS) operations, internal web-application development.

AWARDS

2026 China-ASEAN "AI + Cross-border E-commerce" Innovation Application Competition — Nanning, China

ASEAN Cooperation Potential Award (东盟合作潜力奖) and **Excellence Award** (优胜奖) for LaungPro

— only Thai team among 20 international finalists. National coverage by China News Service (中新社), video segment 412K+ views.

SKILLS

Languages & frameworks: Python (FastAPI, SQLAlchemy, asyncio), TypeScript/JavaScript, React, React Native (Expo), Node.js

Data: PostgreSQL (multi-tenant row-level security), Redis (streams/events), Supabase, MySQL, SQLite

AI: OpenAI (incl. Realtime voice), Claude, Gemini, structured outputs / function calling, prompt engineering, fine-tuning (QLoRA), RVC voice conversion, Thai TTS/STT (Botnoi, Azure), LiveKit

Infrastructure: Docker, Caddy/Nginx, Linux VPS, Cloudflare (Pages/R2/CDN), RunPod, CI/CD, Let's Encrypt

Integrations: LINE Messaging API/LIFF, payments (PromptPay/EMVCo, Omise, Stripe), WebSocket, OAuth 2.0, IoT/MQTT, ESC/POS receipt printing

Human languages: Thai (native), English (professional working proficiency)

EDUCATION

B.Eng. Computer Engineering — University of the Thai Chamber of Commerce, Bangkok (2004–2007)