



COMPANY PROFILE 2026

I C Develop Co., Ltd.

IT Outsourcing · Turnkey Projects · Startup Products · Thai AI

"Don't start, can't finish."

www.i-c-develop.com



Agenda



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Company Overview

Who we are, mission and core values

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Our people at Krungthai Bank and the Stock Exchange of Thailand

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Startup Products

bunchee.ai • ICD Dormitory • AutoHub • IC-Lueur.ai

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AI Training & Partnership

In-house Thai LLM training and how to work with us

Who We Are



I C Develop Co., Ltd. is a Bangkok-based software development company. We provide consulting, design and development of computer software systems, aiming for customised delivery that meets the specific requirements of customers at every level – from government agencies and universities to banks, capital-market institutions, enterprises and startups.

Beyond client work, we build and operate our own SaaS products and train Thai-language AI models – experience that we bring back into every engagement.

2017

Established
Bangkok, Thailand

20+

Systems delivered
for clients

2

Outsourcing accounts
KTB · SET

4

Startup products
in market

Mission & Core Values



Our Mission

Developing our personnel to always be abreast of technology, fostering creativity for new ideas to best meet the needs of our customers.



01 Innovation

To drive the business of our customers and add significant value.



02 Learning

To develop individuals to always keep up with new technologies.



03 Teamwork

To achieve the most efficient, rapid and robust outcomes in our work.

Our Services

Four lines of business – from placing our engineers inside your organisation to fully managed delivery, our own products and Thai AI.



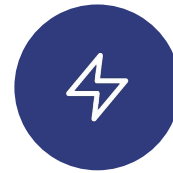
IT Outsourcing

Skilled developers, analysts and testers with years of banking and capital-market experience – placed on-site as part of your team.



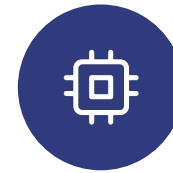
Turnkey Projects

End-to-end development of custom systems for government, universities and private companies – from requirements to training and support.



Startup Products

SaaS platforms we design, build and operate ourselves: bunchee.ai, ICD Dormitory, AutoHub and IC-Lueur.ai.



AI / LLM Training

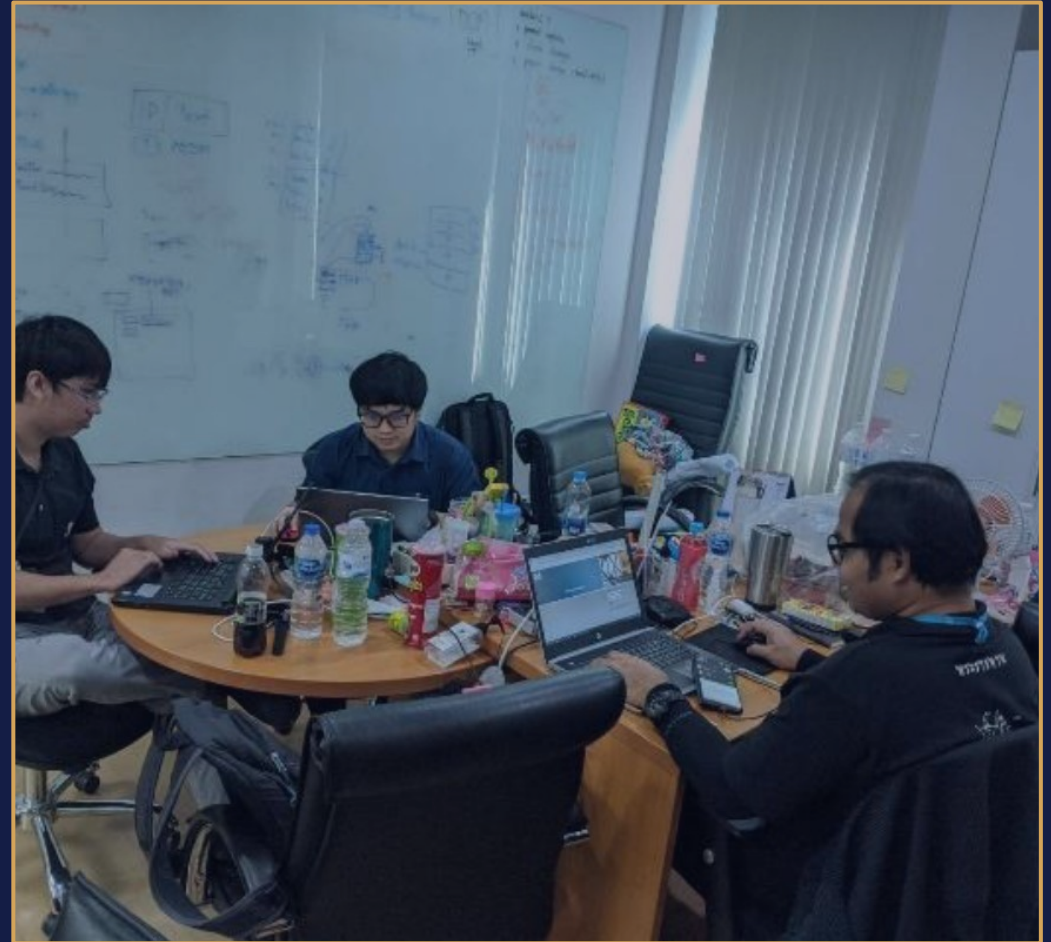
In-house fine-tuning of large language models for Thai domains – accounting and healthcare – on our own GPU infrastructure.

01 • IT OUTSOURCING

Our People, Inside Your Organisation

Experienced engineers embedded in the technology teams of Thailand's leading financial institutions – Krungthai Bank and the Stock Exchange of Thailand.

- ✓ Developers, system analysts, testers and DevOps engineers
- ✓ On-site, full-time and long-term placements
- ✓ Enterprise banking and capital-market domain experience



IT Outsourcing – What We Provide

We have highly skilled personnel with excellent abilities and several years of experience in the field of IT – available for team augmentation or full-time dedicated engagement at your site.



Software Developers

Java / Spring, C# .NET, Node.js, React, Angular – full-stack and backend specialists



System Analysts

Requirement analysis, functional design and documentation for enterprise systems



QA & Test Engineers

Manual and automated testing, SIT / UAT coordination



DevOps & Infrastructure

CI/CD pipelines, containers, Kubernetes / OpenShift, WebSphere and WebLogic

Engagement models



Team Augmentation

Add our engineers to your existing squad – on-site or remote, billed monthly, scale up or down per sprint.



Dedicated Team

A stable cross-functional team (SA, developers, QA) that owns a product stream under your roadmap.



Long-term Placement

Multi-year assignments inside enterprise IT departments, following the customer's process and governance.

Outsourcing Clients & Projects



Krungthai Bank (KTB)

Banking Treasury & Global Markets systems

- **SmartFX**
Foreign-exchange system
- **Exchange Rate Distributions**
Rate publishing to bank channels
- **Money Connect**
Treasury connectivity
- **Equity System**
Equity portfolio system
- **GMLynk**
Global markets link



The Stock Exchange of Thailand (SET)

Capital-market platform development

- **e-One Report and Digital IPO**
Digital filing and IPO platform development project
- **CSD Refresh Technology**
Technology refresh programme for the Thailand Securities Depository (CSD) systems

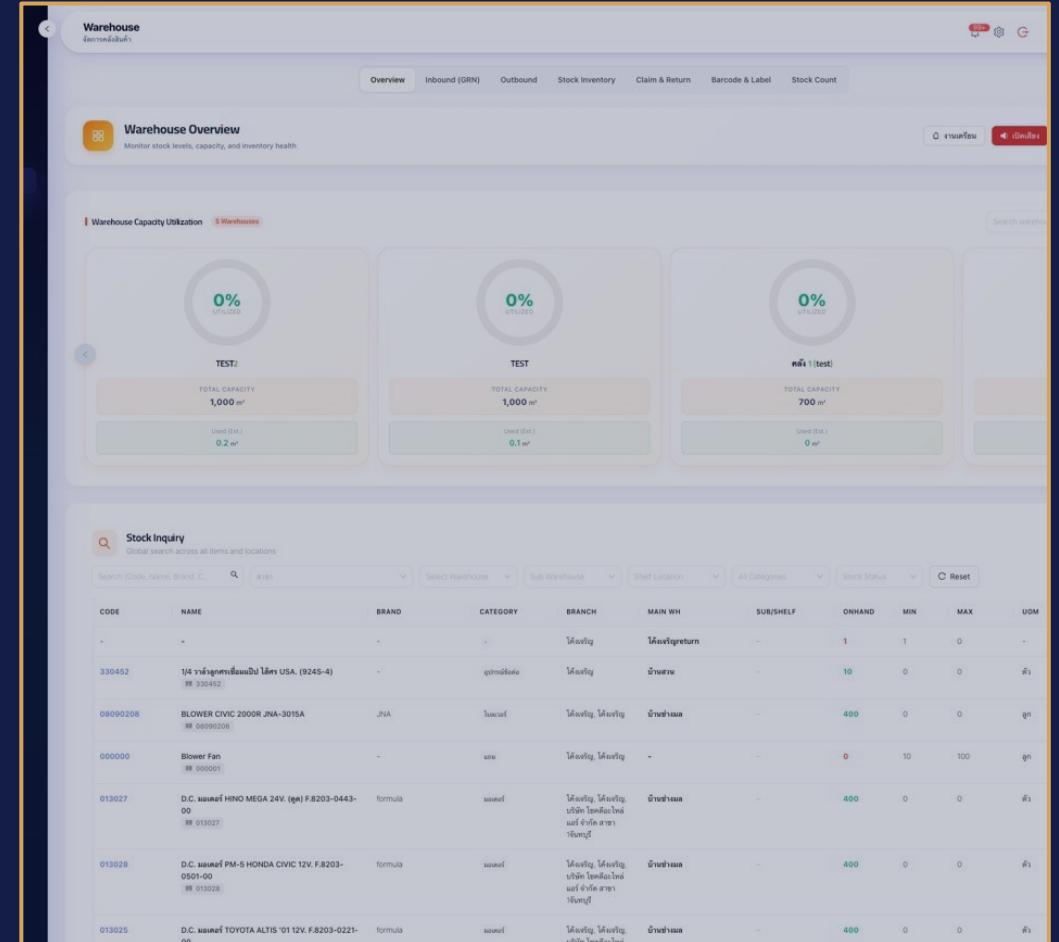
Our engineers work on-site within the customers' technology teams under their governance, security and delivery processes.

02 • TURNKEY PROJECTS

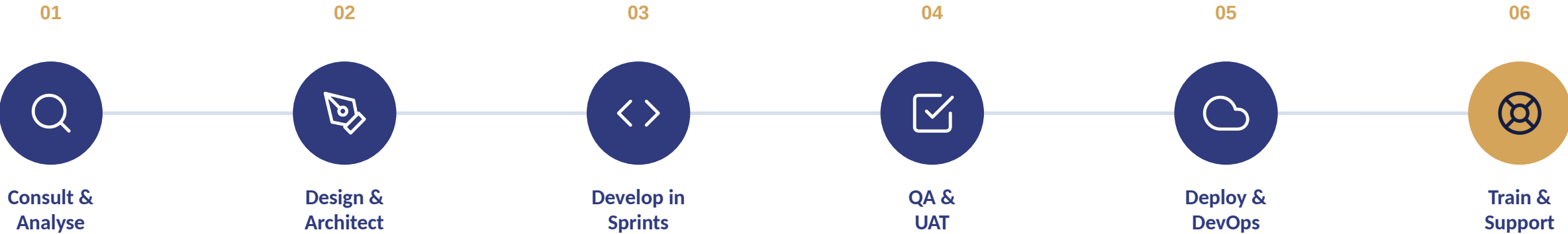
Custom Systems, Delivered End-to-End

We develop systems according to the diverse needs of customers at every level – whether government, universities or private companies – and stay with them through training and go-live.

- ✓ Requirements, design, development, testing and deployment
- ✓ User training and on-site support
- ✓ Warranty and maintenance after go-live



How We Deliver a Turnkey Project



User Training

High-quality products paired with comprehensive classroom and hands-on training for end users and administrators.

UAT & Go-live Support

Workshops, user acceptance testing and go-live support at the customer's site to ensure absolute satisfaction.

Turnkey Portfolio – Education, ERP & Portals



Education

NMU • STOU

- **Vajira Education**
Navamindradhiraj University
- **NMU Website**
Navamindradhiraj University
- **Smart Learn**
Sukhothai Thammathirat OU
- **Smart Search**
Sukhothai Thammathirat OU
- **Smart Nano Learn**
Sukhothai Thammathirat OU



Workflow & ERP

Yamagata • Mae Mae • TCFF • 5 Air Car Part

- **Check Sheet**
Yamagata
- **Sales Job**
Mae Mae One Stop Printing
- **Control Flow**
TCFF
- **KJ ERP**
5 Air Car Part – ERP, POS & back office



Sales & E-Service Portals

ISS Consulting • NMU

- **Sales Portal Online**
ISS Consulting
- **Web Sales**
ISS Consulting
- **NMU E-Service**
Navamindradhiraj University

Turnkey Portfolio – Government & Tourism



Government (sub-project)

- **SSO Backoffice Application**
Contribution – Macro Technology
- **SSO Backoffice Application**
Contribution – IRCP Group



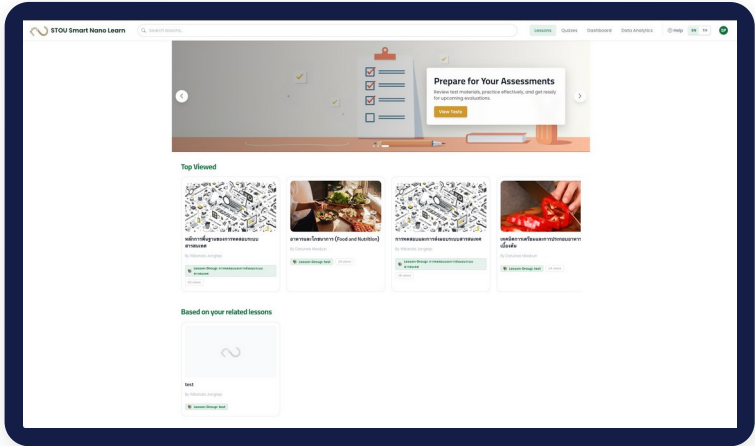
Tourism & Hospitality

- **Booking Management System (BMS)**

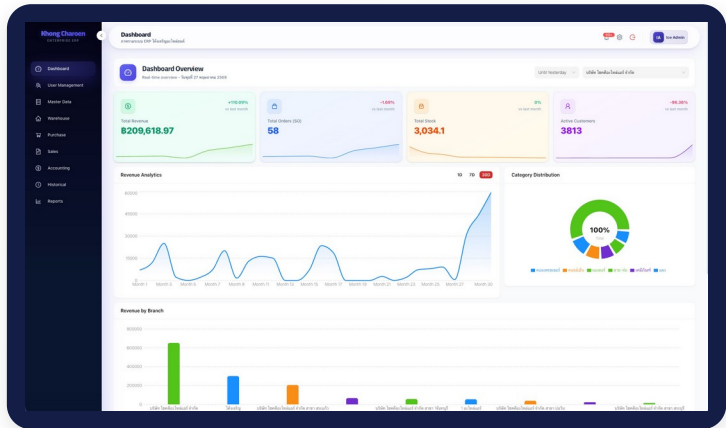
Joy Your Trip – multi-channel booking, back office, payments & WordPress integration



Government work is delivered as sub-projects in partnership with system integrators; all other systems are delivered directly under turnkey contracts.



Smart Nano Learn – STOU micro-learning platform



KJ ERP – dashboard, inventory, purchasing & finance

Technology Stack – Application Layer



Languages

- TypeScript / Node.js
- Java 17
- Go
- Python
- C# .NET
- PHP
- SQL



Backend Frameworks

- NestJS, Express
- Spring Boot, Spring Security
- Gin, Echo (Go)
- FastAPI
- WordPress plugin (PHP)
- REST, WebSocket / STOMP



Frontend & UX

- React, Next.js, Vite
- Angular
- Tailwind CSS, shadcn/ui
- Ant Design, Recharts, Chart.js
- React Query, Zustand, Redux
- i18n (TH / EN), Three.js



Mobile & Channels

- LINE OA / LIFF apps
- Flutter / Dart
- React Native
- Responsive PWA-style web
- Email (SMTP) & SMS gateways
- PromptPay QR, Stripe, PayPal



Data & Storage

- PostgreSQL, Oracle
- SQL Server, IBM DB2
- MongoDB
- Redis (cache / queues)
- MinIO object storage
- Qdrant vector DB

Technology Stack – Platform, Quality & AI



DevOps & Infrastructure

- Docker, Docker Compose
- Kubernetes, OpenShift
- GitLab (self-hosted) & GitLab CI, Jenkins
- Nginx, Nginx Proxy Manager, Cloudflare
- Prometheus, Grafana Loki / Alloy, cAdvisor
- Azure, AWS, Google Cloud & on-prem servers



Quality Engineering

- Dedicated QA repo per project
- Playwright end-to-end suites
- Jest, Vitest, Testing Library, Supertest
- PHPUnit, JUnit / Spring Test
- Cypress, Robot Framework
- SonarQube, ESLint, Prettier



Integration & Reporting

- Messaging: NATS, BullMQ, Kafka, ActiveMQ
- Auth: JWT, OIDC, LDAP, in-house SSO
- Reports: JasperReports, iText, Apache POI
- ExcelJS, Playwright PDF workers
- IBM WebSphere, Oracle WebLogic
- Shared DTO / contract libraries



AI Platform

- vLLM model serving on GPU nodes
- LiteLLM gateway (OpenAI-compatible)
- LLaMA-Factory LoRA SFT + DPO
- FP8 quantisation, Hugging Face publishing
- Qdrant RAG, Infinity embeddings & rerankers
- Thai OCR, MCP tool gateway

Trusted by Leading Organisations in Thailand

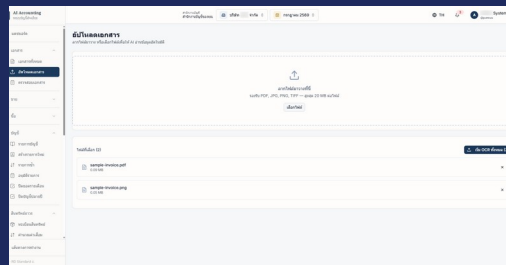


Banking • Capital markets • Public universities • Manufacturing • Printing • System integrators • Government sub-projects • Tourism

04 • STARTUP PRODUCTS

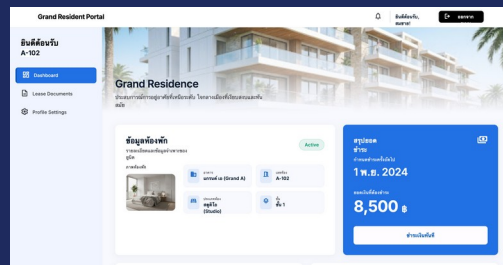
Our Product Ecosystem

Beyond client projects, I C Develop designs, builds and operates its own SaaS platforms – proving our architecture, AI and product skills in the market every day.



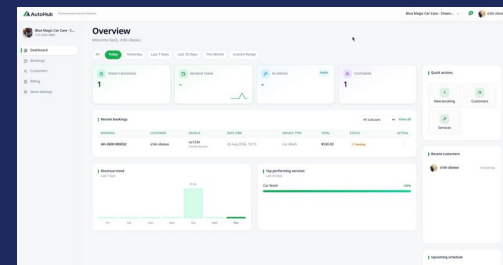
bunchee.ai

AI accounting assistant powered by our own Thai accounting LLM



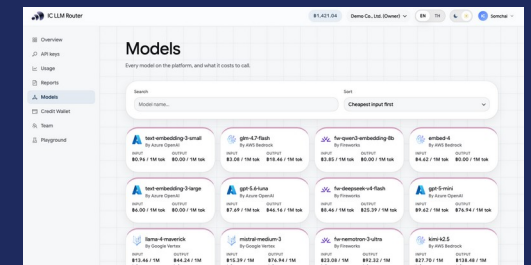
ICD Dormitory

All-in-one dormitory & rental management platform



AutoHub

Automotive service booking & shop management



IC-Lueur.ai

OpenAI-compatible LLM gateway, billed in Thai baht

bunchee.ai – AI Accounting Assistant

“No more manual data entry for accountants.”

An AI platform for Thai accounting firms. Upload a PDF or scanned document and the AI extracts the data, analyses VAT and withholding tax and prepares draft journal entries – the accountant only reviews and approves (human-in-the-loop). Its core model is TAI, our own LLM trained for Thai bookkeeping.

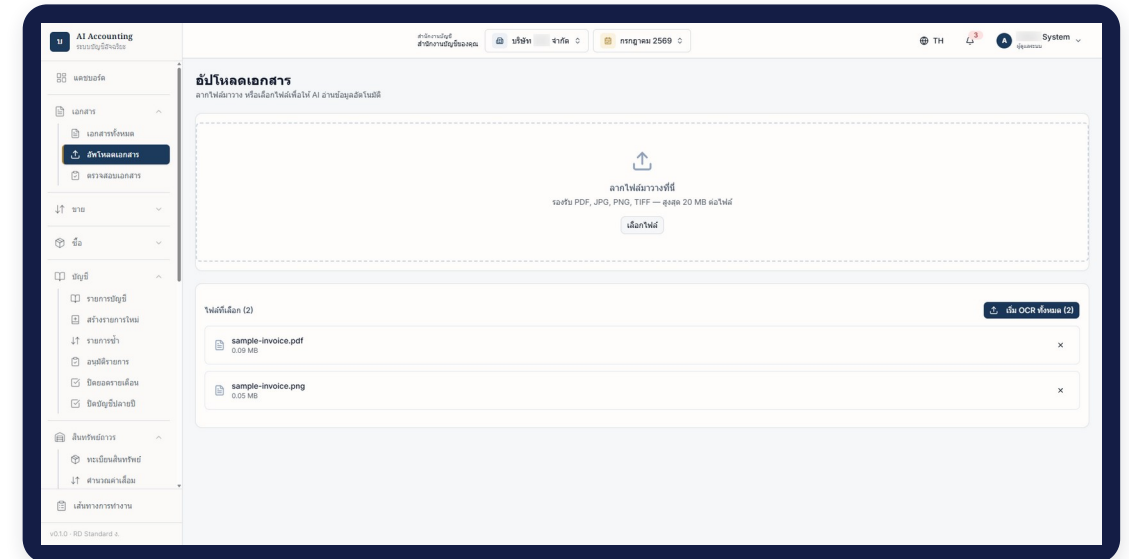
-  **OCR document reading**
Extract invoices and tax documents – over 60% less manual entry
-  **Automated tax & account mapping**
VAT, WHT proposals and chart-of-account mapping to Thai standards
-  **Bank statement matching**
Auto-match documents to statements to cut reconciliation time
-  **Powered by our own Thai accounting LLM**
TAI model fine-tuned in-house, with RAG over Revenue Department rules

Open Beta

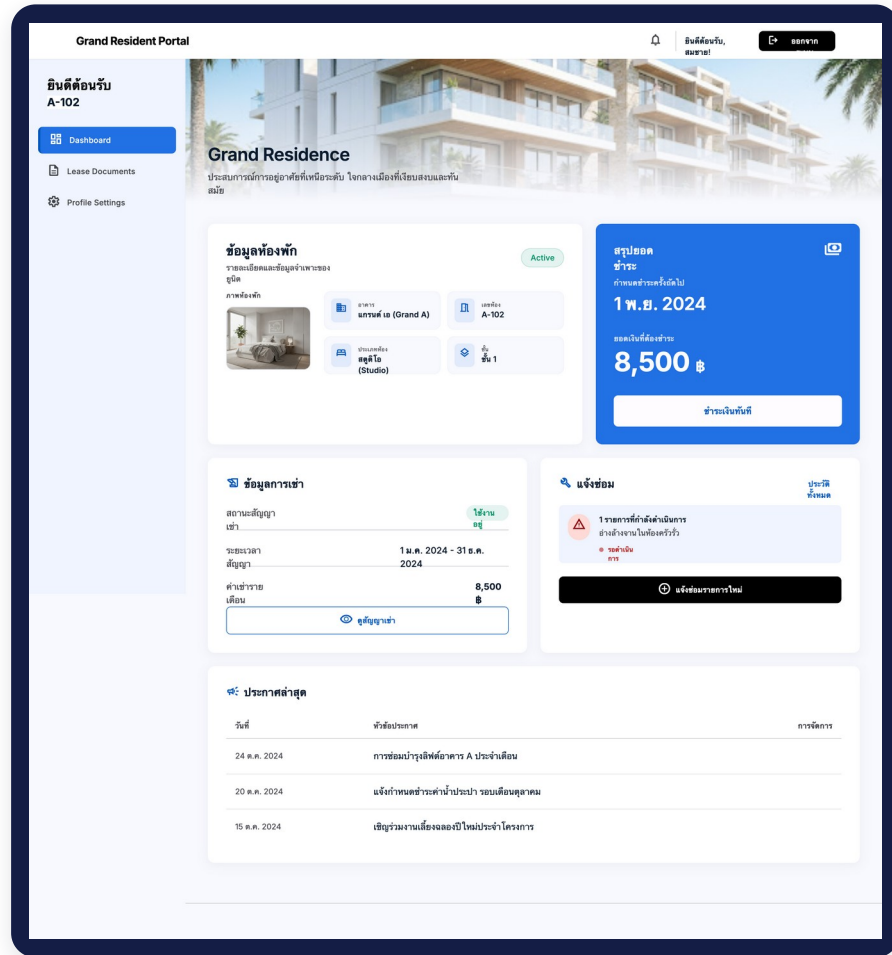
Free plan • from ฿199 / month

Multi-client for accounting firms

www.bunchee.ai



ICD Dormitory – Property Management Platform



“See every building, every room and every baht in real time.”

A cloud platform that unifies room management, rental contracts, meter readings, billing and maintenance requests for dormitories, apartments and rental properties – with separate portals for owners, staff and tenants.



2D / 3D room planning

Floor layouts with furniture placement and immersive 3D view



Automated billing & PromptPay

Water, electricity and rent invoices with QR payment and auto-recording



Owner • Staff • Tenant portals

Multi-property overview, daily operations and tenant self-service app



Cloud, mobile-ready, TH / EN

No installation; social & OTP login; responsive on any device

In market

Free Starter • from ฿599 / month

Enterprise plans available

www.icd-dormitory.com

AutoHub – Car Care Booking & Shop Platform

“Everything automotive starts at AutoHub.”

A two-sided platform connecting car owners with service businesses. Customers discover shops and book services; garages, car-wash and service centres manage bookings, staff and operations – with LINE Official Account as the booking channel.



LINE OA booking

Customers book directly through the shop's LINE Official Account



Shop dashboard

Track bookings, work progress, walk-ins and payments in one place



Team & customer management

Role-based access for staff; customer database and service catalogue



Store discovery

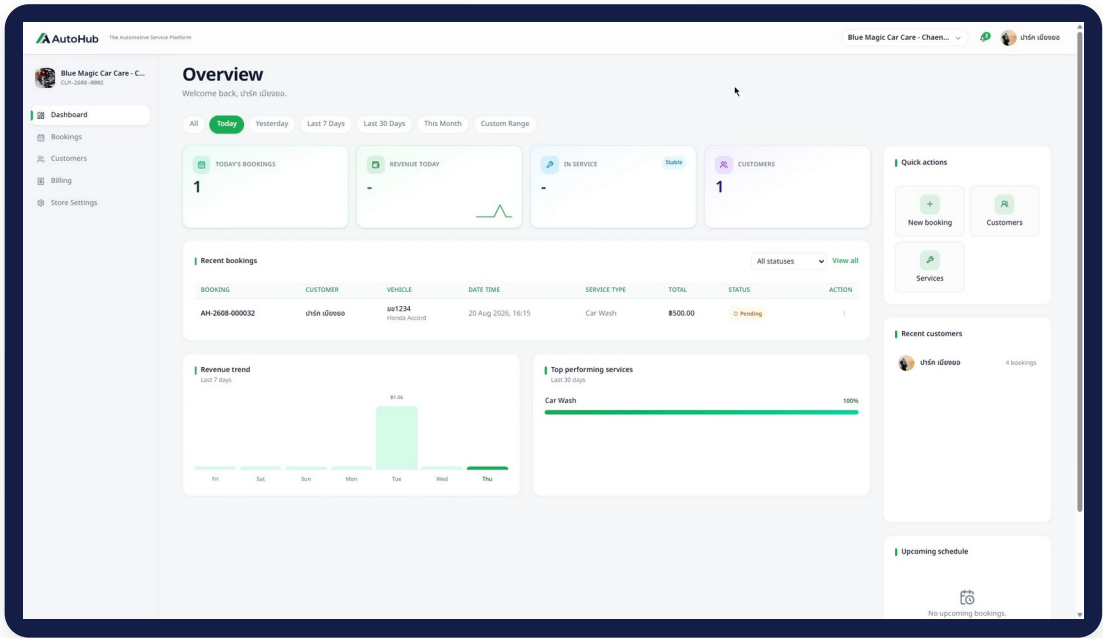
Car owners search and compare service stores nearby

Open Beta

Free during beta – no subscription

TH / EN

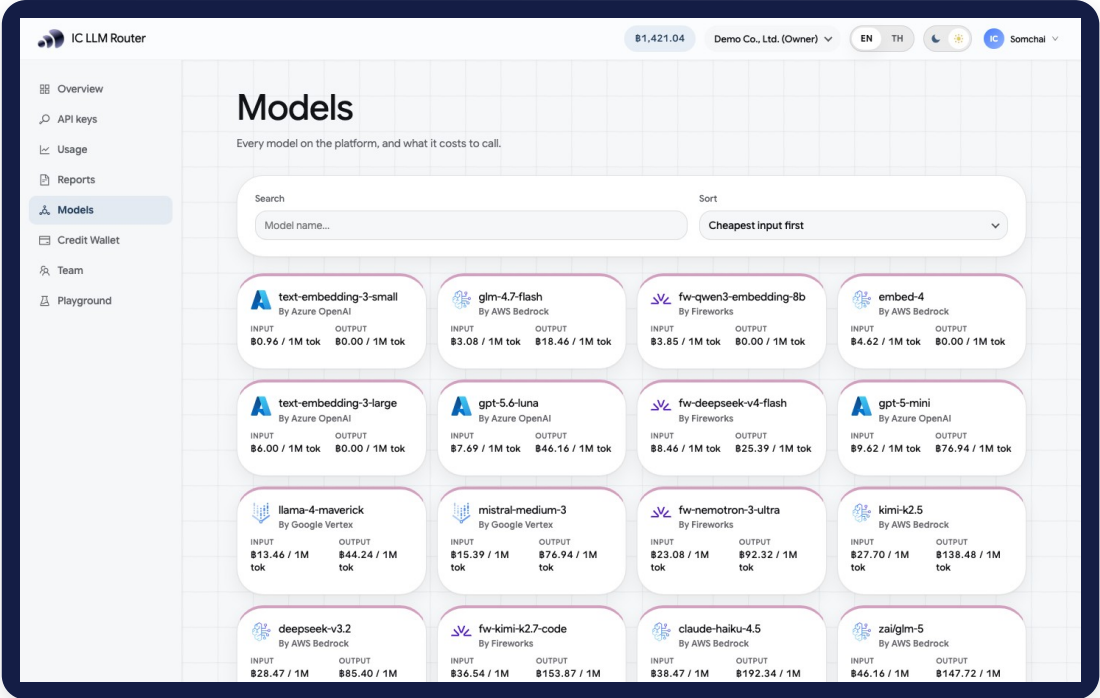
www.autohubgo.com



IC-Lueur.ai – LLM Gateway for Thai Business

“LLM APIs, billed for Thai accounting.”

An OpenAI-compatible API gateway giving Thai companies access to models from OpenAI, AWS Bedrock, Google Vertex AI and Azure AI Foundry – change only the base URL and API key. Account data, balances, billing ledger and tax invoices stay in Thailand.



- Thai tax invoice on every top-up**
100% claimable domestic expense – no foreign service paperwork
- Thai baht & PromptPay**
Pinned FX rate, prepaid credit from ฿300 that never expires
- Routing you control**
Strict, regional or available routing per API key; prompts never stored
- Team accounts & Thai support**
Owner / admin / member roles; support in Thai business hours

Live

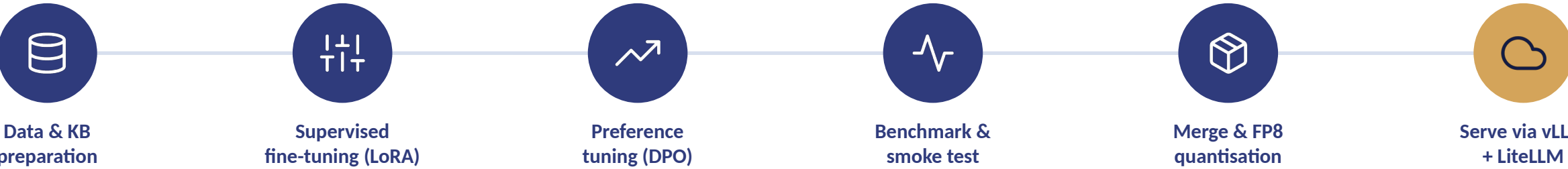
Pay-as-you-go in THB

Drop-in for OpenAI SDKs & LangChain

www.ic-lueur.ai

In-house Thai LLM Training

We train and fine-tune large language models for Thai business domains on our own GPU infrastructure – a repeatable, benchmarked pipeline, not a one-off experiment.





Own GPU infrastructure

Multi-node on-premise GPU cluster for training, evaluation and production inference – data never leaves our environment.



Engineering discipline

Decontaminated datasets, length-balanced preference pairs, mandatory generation smoke tests and rollback-ready deployment records.



RAG-ready delivery

Models ship with Qdrant vector stores, embeddings and rerankers so answers are grounded in your documents and regulations.

Our Thai Domain Models

Open-weight models published under icdevelop on Hugging Face. TAI already powers bunchee.ai in production; the medical line is trained and awaiting product launch.



TAI-1 • Thai Accounting

tai1-qwen35-9b

IN PRODUCTION

- Fine-tuned for Thai bookkeeping and tax
- Suggests debit / credit account pairs with reasoning
- Matches bank-statement lines to documents
- Serves bunchee.ai through our LiteLLM gateway with RAG over Revenue Department rules



PAI-1 • Thai Pharmacy

pai1-medgemma-4b • pai1-medgemma-27b

TRAINED • PRODUCT PENDING

- Built on MedGemma, multimodal (reads drug labels and prescriptions)
- Symptom evaluation and OTC recommendation with references
- Drug allergy and interaction checks
- Thai drug knowledge base (TMT registry) for RAG



TMA-1 • Thai Medical

tma1-medgemma-4b • tma1-medgemma-27b

TRAINED • PRODUCT PENDING

- General Thai medical and public-health knowledge
- Deep clinical reasoning in the 27B variant
- FP8 variants for efficient VRAM usage
- Designed for health Q&A systems with RAG

Disclaimer: models are assistants, not licensed professionals – outputs are reviewed by accountants, pharmacists or physicians before use.

Why Partner with I C Develop



Enterprise-grade people and delivery

Proven inside Krungthai Bank and the Stock Exchange of Thailand, and across universities and government sub-projects.



Product-builder mindset

We run our own SaaS products, so we design for real users, uptime and cost – not just for hand-over.



Thai AI, built in-house

Our own accounting LLM already runs in production; medical models are trained and ready – on infrastructure we control.



Long-term partnership

On-site collaboration, user training and continued support after go-live. Don't start, can't finish.



Thank You

Let's build something that finishes well.

I C Develop Company Limited – Head Office

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