



Tananut Panyagosa

Chief Technology Officer
Speaker & Lecturer

Contact

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📍 Chiang Mai, Thailand

Technical Skills

AI-Assisted Engineering (Claude Code)

AI Agent Workflows & Guardrails

Cloud Architecture (GCP)

Microservices & APIs

Multi-tenant SaaS Architecture

DevOps & CI/CD Pipelines

Golang · PostgreSQL

Blockchain & Solidity

Leadership Skills

Strategic Technology Planning

AI Adoption & Change Management

Technical Project Management

Team Leadership & Mentoring

Agile & Scrum Process Design

Budgeting & Cloud Cost Management

Vendor & Stakeholder Management

Education

B.Eng., Computer Engineering

Chiang Mai University, 2018

Certifications

Google Cloud Certified Associate
Cloud Engineer

Building RAG Apps Using MongoDB

Summary

Chief Technology Officer with 8 years of experience building engineering teams and scalable cloud platforms across e-commerce, health-tech, fintech, and labour marketplaces. Currently leads PDKM's shift to AI-assisted engineering: an internal AI coding handbook, a shared Claude Code toolkit used by 4 teams, and a human-in-the-loop framework for working safely with AI agents. Active speaker and lecturer in Northern Thailand's tech community, with 11 sessions for ~800 people since 2023, and an industry partner to Chiang Mai University's CAMT.

Professional Experience

Chief Technology Officer

[Paiduaykanmai Co., Ltd. \(PDKM\)](#)

Feb 2025 – Present

Lead technology strategy and delivery for a tech venture builder and its business partners. Keep moving the company's engineering practice forward.

Key Projects & Accomplishments:

- **LINE MyCustomer CRM (Jun 2022 – present):** led the technical partnership with LINE Thailand. Designed a scalable microservices architecture on GCP with deep, real-time integration into LINE's business platforms (OA Plus, MyShop).
- **AI engineering enablement (2026):** wrote the team's AI Coding Handbook (TH/EN, 20 sections). Built an internal Claude Code plugin marketplace (4 plugins, 5 safety hooks), piloted it, and rolled it out to 4 teams and ~17 repositories.
- **loop-engineer framework:** a human-in-the-loop method for AI coding agents. Humans approve what "done" means, the agent must show evidence, and autonomy is earned step by step. Validated in 5 pilots, ~108 loops.
- **Health-tech platform (since 2023):** architect and hands-on lead. Delivered AI features including a virtual patient-case trainer for doctors with bilingual voice, and moved the AI services to Go.
- **Tanjai (salary-advance fintech) & internal staff app:** built nearly single-handedly. The staff app serves ~62 employees.

Technical Project Manager

[Daywork \(job marketplace, PDKM partner\)](#)

May 2026 – Present (alongside CTO role)

- Reset the delivery process for a ~15-person product and engineering team. Runs 2-week sprints, 11 so far.
- Redesigned the workflow: a single intake channel with severity triage, a shared spec template from BA to UX/UI to Engineer, Jira automation, and 2 squads merged into 1. Cut planning overhead that had cost 60 person-hours per sprint.

Technical Director & Smart Contract Developer

[Paiduaykanmai Co., Ltd. \(PDKM\)](#)

Jan 2022 – Jan 2025

- **Azira DeFi App (Jan – May 2022):** secure, gas-efficient smart contracts on Ethereum and Polygon, using a factory pattern.
- Laid the technical foundation for the LINE MyCustomer CRM partnership (from Jun 2022).
- Designed a standard multi-tenant cloud architecture on GCP and started regular internal knowledge-sharing sessions for developers.

Tananut Panyagosa

Speaking & Teaching

At a Glance

11

talks & sessions
since 2023

~815

people in total
audience

~80

students advised at
CMU CAMT

3x

invited to speak by
NDEA

Speaking Topics

Engineering in the AI Era

AI at Work (staff & leadership)

Building Dream Teams

From Campus to IT

Formats

Keynote / Talk

Hands-on Workshop

Panel Discussion

Guest Lecture & Mentoring

Languages

Thai (native)

English: professional reading & writing,
conversational speaking

Links

↗ tananut.com

↗ ai-coding-handbook.pdkm.tech

↗ pdkm.tech

Professional Experience (continued)

Co-founder & Chief Technology Officer

[Devhero](#)

Apr 2021 – Jun 2022

- Led the technology vision for "Driveman", a POS platform for van sales, from concept to MVP launch.
- Designed a modular monolith in Go and PostgreSQL on GCP, ready to split into microservices later.

Back-end Team Lead

[Fillgoods Technology](#)

Jun 2018 – Apr 2021

- Led 5 back-end developers building an e-commerce fulfillment platform for 10,000+ online sellers.
- Led the move from a monolith to microservices (Go, Docker, Kubernetes on GCP), which cut API response times by 30% at peak traffic.

Speaking Highlights

Jul 2026	Claude Code for Engineers: Why Fundamentals Matter More When AI Can Write Code Claude Connects Chiang Mai · NDEA & PDKM, Northern Digital Connect Project · Talk + hands-on workshop	~100
Mar 2026	From Campus to IT: Navigating the AI-Powered Future of Software Engineering Rajamangala University of Technology Lanna, Lampang · Guest lecture for students	~50
Jan 2026	From Code to Culture: The Developer's Role Beyond Code Northern Tech on the Rock 2026 · Panel	~200+
Oct 2025	AI as a "Superpower Assistant" for Software Engineers Next-Gen Dev & QA with AI · NDEA	~70+
May 2024	Building Dream Teams: Teams That Work Together and Care Together Project Management for the Digital Decade · NDEA	~70+
Dec 2023	Communication of Technical Culture CNX Tech on the Rock 2023, Chiang Mai	~200+

Internal sessions at PDKM: Architecting for Reliability (2023) · Gitflow, CI/CD & Secret Manager, a live demo (2024) · The Power of AI in Everyday Work, company-wide (2026)

University & Community

Industry Partner & Advisor, turnPro Program

[CAMT, Chiang Mai University \(DII program\), on behalf of NDEA](#)

Feb 2026 – Present

- Technical and AI advisor to students building real projects. Holds per-project consultations and small-group teaching sessions.
- 2 cohorts so far, ~40 students each.

Co-organizer, PyLanna

[Python User Group Community of Northern Thailand](#)

Dec 2025 – Present · Open House, Meetup #02 · Speaker at the Dec 2026 meetup