Pasit Nusso builds the backends millions of people lean on.

Staff Engineer at Agoda with 19 years building and leading backend systems: microservice platforms serving 1M to 10M+ users at Agoda, SCB TechX (Robinhood), Bitkub and Kaidee. Financial-sector background at SCBx Group and the Bitkub crypto exchange. Now also shipping generative AI systems.

Based in Bangkok. Go, Python, TypeScript and Scala on AWS and Kubernetes.

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Experience

2023 to now

Agoda
Staff Engineer, Bangkok

- Own the Supply Pricing Metadata backend service in Agoda's pricing path.
- Own the Revenue Management BFF behind the YCS Partner Portal, where hotel partners manage pricing and revenue.
- Led the design that replaced long-held server connections for partner reports with decoupled generation and delivery, removing a scaling limit.
- Technical decisions across 2 teams and 8 engineers: design review, estimation, mentoring.

TypeScript, Python, Scala, C#, Kafka, Superset, Ceph (S3)

100K
requests per minute

2021 to 2023

SCB TechX
Team Lead, SCBx Group, Bangkok

- Led the backend squad for Robinhood, SCBx's consumer super-app, and coordinated delivery across in-house and vendor squads.
- Built and ran Robinhood Mart: on-demand grocery ordering with delivery in under two hours.
- Owned solution design, database schema design, estimation and code review.

Node.js, NestJS, TypeScript, Kubernetes, Redis, Elasticsearch, SQS, AWS Lambda

1M+
super-app users

2021

Bitkub Online
Senior Engineer, Bangkok

- Backend microservices for Thailand's largest cryptocurrency exchange.
- Built Multichain: cryptocurrency withdrawal across multiple blockchain networks.

Go (Fiber), Python, Node.js, Kubernetes, Redis, RabbitMQ

1M+
exchange users

2020 to 2021

Kaidee
Senior Engineer, DF Marketplace, Bangkok

- Designed and built marketplace services on a microservices architecture.
- Solution design, database schema design, cross-team coordination.

Node.js, Python, Elasticsearch, Kafka, MongoDB

10M+
marketplace users

2011 to 2019

23 Perspective
Senior Technical Consultant, Bangkok

- Delivered Thailand's national tourism platform (TAT), which reached 100M page views in its first year.
- Built the web platform behind the SF Cinema mobile app, sustaining 2,000+ requests per second.
- Created Thailand's first mobile app creation platform, serving 20+ business clients.

Python (Django), Node.js, React, MySQL, Redis, Elasticsearch

100M
page views in year one

Earlier: Team Lead at AIM Bangkok (2009 to 2011), Software Developer at IES & SEA (2007 to 2009).

Things I build on my own

Factboard

Agentic content engine, 2026

A one-person newsroom. Finance, macro and tech news goes in; drafted, illustrated posts and video reels come out on two Facebook Pages, in English and Thai. Publishing is automatic, with an admin view to review each post before and after it ships.

Fetchers feed a classifier with structured output, an LLM drafter, ComfyUI image generation on a home GPU rig, and a reels worker that joins text-to-speech, image-to-video and ffmpeg. Prompts are versioned in the database, and every audio and video file is checked before upload, with retries and a dead-letter path.

TypeScript, SvelteKit, Postgres, Prisma, ComfyUI, Google Cloud TTS, Facebook Graph API, Kubernetes

QuantTech

Algorithmic trading platform, 2026 to now

Backtests strategies across forex, metals, oil, crypto and stock indices, then runs the same signals live through MetaTrader 5. Live with real capital at quant.joymify.com.

A FastAPI service with RabbitMQ workers evaluates signals on each new price bar, MQL5 Expert Advisors execute the orders, and a replay worker compares live fills against the model. Prometheus alerts watch heartbeats, stuck positions and cost drift.

Python, FastAPI, RabbitMQ, Postgres, MQL5, SvelteKit, Kubernetes, Prometheus

Joymify

Product platform

The home for the products I run myself, in production on Kubernetes behind one sign-on service (JWT and Google OAuth).

It includes a real-time multiplayer card game for 2 to 6 players at play.joymify.com, shipped as a single Go binary over WebSockets, and Joy-Quest, an AI learning platform with courses, quizzes and spaced review.

Go, Svelte, NestJS, Postgres, Kubernetes

Toolbox and education

Languages	Go, Python, TypeScript, JavaScript, Scala, C#, SQL
Backend	NestJS, Node.js, Go Fiber, FastAPI, Flask, Django, microservices, REST
Cloud and infra	AWS (Lambda, API Gateway, S3, SES, SQS), Kubernetes, Docker, NGINX
Data and messaging	PostgreSQL, MySQL, MongoDB, Elasticsearch, Redis, Kafka, RabbitMQ
Generative AI	LLM API integration, structured output, agent orchestration, prompt versioning, image and speech generation pipelines
Frontend	TypeScript, Svelte, React
Practice	Technical design, estimation, code review, squad leadership, Agile delivery
Education	B.Eng Computer Engineering, Kasetsart University (2003 to 2007). Data Analyst Nanodegree, Udacity (2016).