Natthawat Sawatdee

Business & Technology Transformation

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Business and technology transformation professional working across business operations, cost, and technology systems. Started from software engineering and cloud operations, then expanded into roles that require deciding what an organization should build, buy, partner on, or defer. Experienced in production systems, cloud governance, data and analytics, technology partnerships, and POCs used to validate business value before larger investments. Able to work from business and architecture decisions down to hands-on cloud, data, and software execution when needed.

Experience

2morrow Group / Stock2morrow / 2Read

Technology Leadership & Business Transformation — 2025–2026

- Took ownership of mature production systems across web applications, payment flows, cloud infrastructure, and deployment workflows, with a focus on making operations more stable and maintainable.
- Restored a production service after a prolonged outage and rebuilt parts of the deployment workflow so the environment could be operated with clearer ownership and fewer fragile dependencies.
- Reworked CI/CD and migrated container images from the discontinued Google Container Registry (GCR) to Artifact Registry, improving long-term maintainability of the deployment pipeline.
- Applied GCP governance practices across IAM, project structure, billing and cost controls, cloud support and incident escalation, and backup and recovery review.
- Built a MySQL → BigQuery → Looker Studio data flow for executive reporting and faster access to operational insights.
- Brought the company into the Huawei Cloud Partner Network and used partnership benefits as part of a broader cloud cost optimization strategy, reducing cloud spending by approximately 25%.

Bangna Hospital

Technology & Data Consultant — 2025–2026

- Started with a small data pilot driven by executive business questions, then designed an ELT, data warehouse, and BI workflow to validate whether the available data could support real decisions.
- Worked with non-sensitive data outside PDPA Section 26 and designed the data flow with access, traceability, and future production use in mind.
- After the pilot demonstrated value, assessed what would be required to productionize and scale the platform, including additional source data, upstream data collection, and improvements to source systems.
- Worked with management to compare expected business value against the required investment and chose to defer expansion when the timing and cost were not yet appropriate for the organization.

Melearn

CTO Co-Founder — 2025–2026

- Translated business requirements into a structured product and system scope covering learner, instructor, and admin workflows, course lifecycle, assessments, certificates, payments, and AI-assisted learning.
- Defined system domains, roles and permissions, data ownership, and core business rules so product, frontend, and backend teams could work from a shared source of truth rather than ad-hoc requirements.
- Designed release governance separating prototype, integration, staging, and production readiness, with feature gating and acceptance criteria to prevent unfinished prototype functionality from being treated as production-ready.
- Built technology unit-economics models covering cloud capacity, infrastructure cost per user, scaling scenarios, and video storage and delivery costs to evaluate platform economics before infrastructure commitments.

Consulting & Selected Technical Work

Independent Consulting

2024 – Present

Business Technology Consultant

- Helped SMEs and organizations turn unclear business problems into solutions that fit their budget, organizational scale, data readiness, and ability to operate the system after delivery.
- Designed a low-cost examination POC when a primary outsourced system could not be delivered on time, using Google authentication and migration-ready data structures so users could later move into the main platform.
- Assessed an AI-enabled sales training initiative by reviewing data readiness, cloud cost, operating model, and maintenance capacity before defining the implementation scope.
- Designed and developed a semantic search and RAG POC for Thammasat University Library, using embeddings, a retrieval pipeline, and Pinecone as the vector database to improve discovery beyond conventional keyword search.
- Designed an omnichannel AI customer service platform connecting LINE and WhatsApp through Chatwoot, with Laravel as the source of truth for business data and FastAPI handling AI orchestration, retrieval, and human handoff.
- Separated AI from direct database access through authenticated business APIs and approval-based workflows, allowing the system to retrieve grounded catalog, FAQ, and knowledge data without giving the model unrestricted access to production records.

Cloud, Data & Architecture

Google Cloud

IAM, Project Structure, Billing & Cost Controls, Cloud Run, Cloud SQL, BigQuery, Artifact Registry, Support / Incident Escalation, Backup & Recovery Review

Huawei Cloud

HCPN , Migration Planning, Compute / Database Architecture, Cost Optimization, Infrastructure Partner Coordination

Data & AI

ELT / ETL, Data Warehouse, BigQuery, Looker Studio, RAG, Vector Search, Embeddings, Pinecone, Retrieval Pipelines

Delivery & Ops Docker

GitHub Actions, GitLab CI/CD, IAM, Monitoring, Deployment, Production Troubleshooting, Architecture Review

Engineering

Python, TypeScript / JavaScript, PHP, SQL, Next.js, NestJS, Laravel, FastAPI

AI-Augmented Workflow

integrate AI coding tools into a structured delivery process — separating implementation, review, testing, and documentation with verification steps before release — to improve speed without sacrificing quality.

Education

Sripatum University — Bachelor's Degree

2024 – Present

School of Entrepreneurship **2025 – Present**

100% Scholarship, sole full-scholarship recipient in the cohort

Computer Science & Software Development Innovation **2024 – 2025**

100% Merit Scholarship, one of two recipients among 700+ students

Selected as a student representative for an AI/ML knowledge exchange at Vellore Institute of Technology (VIT), India