Nimit Tanboontor

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SKILLS

Computer Languages: Go, Java, TypeScript, Dart, Python, SQL

Frameworks: Go(Fiber), Go(Echo), Spring WebFlux, FastAPI, NestJS, Next.js, React, Nest.js

Tools: Docker, gRPC, Kafka, Redis, Firebase, PostgreSQL, MongoDB, Supabase, Sqlite, Vercel

Architectures: Microservices, Clean, Adapter, Modular

Languages: English(Upper Intermediate), Thai (Native)

EDUCATION

- **Mae Fah Luang University** — 2022 – Present
  Bachelor of Science in Software Engineering — *Chiang Rai, Thailand*

  - Expected Graduation: 2026
  - Courses: Distributed Systems, AI, Web Dev, Mobile Dev

EXPERIENCE

- **Backend Developer – Garena Online Management** — May 2025
  Freelance — (Private source)

  - **Delivered a fully functional football vote & prize system in 3 days** for an urgent event.
  - Handled **1,000+ concurrent users**, with real-time admin dashboard and CSV import/export tools.
  - **Tech Stack:** Golang, Next.js, MongoDB

- **Fullstack Developer – HLLC-2025 MFU Campus Activity App** — May – 2 Aug 2025
  MFU – Fullstack — (Private Source)

  - **Architected and implemented** a scalable campus platform supporting **50,000 concurrent connections** using **Go** and **Kafka** for real-time messaging.
  - Designed a **Kafka-based event bus** for asynchronous communication and decoupled services.
  - Utilized **goroutines**, **channels**, and **worker pools** for efficient, fault-tolerant task execution with low-latency and **retry logic with exponential backoff**.
  - features two campus campaign:
    * **Nap Kao challenge**: Tracks user steps daily, ranks participants on a leaderboard, and offers a big prize for the top walker.
    * **Coin-hunting game**: Users must seek out 14 hidden coins around campus, with the first to collect all coins or the top player receiving a large prize.
  - **Tech Stack:** Kafka, Go (Fiber), Redis, NestJS, Expo, React Native, Three.js, K6s

PROJECTS

- **DevWithMe – Productivity Dashboard (Personal Project)** — 2025
  devwithme.vercel.app — github.com/6531503042/devWithMe

  - Independently built a full-featured productivity web app to manage tasks, study sessions, finances, and goals.
  - Developed key modules: Pomodoro Timer, Task Manager, Habit Builder, Finance Tracker, and Kanban Board.
  - Implemented real-time syncing and dashboards using Supabase with a modern responsive UI.
  - **Tech Stack:** Next.js, TypeScript, Supabase, Tailwind CSS, Radix UI, Hero UI, Recharts, Vite

- **Confidential Feedback System (Senior Project)** — 2025
  ATA IT Limited — (Private source)

  - Engineered a secure feedback platform with RBAC, NLP sentiment analysis, and multi-role dashboards.
  - Designed microservices for user, feedback, analyzer, and project modules with Spring WebFlux and FastAPI.
  - Implemented asynchronous NLP processing and integrated PostgreSQL + MongoDB for structured/unstructured data.
  - Built admin analyzer interfaces with dynamic insights and feedback workflow visualizations.
  - **Tech Stack:** Java (Spring WebFlux), Python (FastAPI, NLP), PostgreSQL, MongoDB, Docker, Next.js, Tailwind CSS, Hero UI, ReactBits

- **Sport Complex Management System (Platform Dev Course)** 2024
  github.com/6531503042/sport-complex — Lead Developer

  - Designed and led development of a modular, scalable booking system for university sports facilities.
  - Built core services: User Auth, Booking, Facility, Payment, and Notification, with async communication via Kafka.
  - Implemented admin dashboard and public interface using Next.js, Tailwind, and integrated Redis caching.
  - **Tech Stack:** Go (Echo), gRPC, MongoDB, Redis, Kafka, Docker, Kubernetes, Next.js, Tailwind CSS

- **ReadRealm – Book Manga Platform (Personal Project)** 2024
  Personal Project — (Private source)

  - Independently built a full-featured book and manga reading platform with VIP membership, coin system, and personalized user experience.
  - Implemented Golang backend with MongoDB, featuring content delivery, JWT auth, and modular CMS.
  - Designed admin dashboard for managing books, authors, monetization, and platform settings.
  - **Tech Stack:** Golang, MongoDB, REST API, JWT, Tailwind CSS, Admin Dashboard UI

- **Deap – Dental Appointment App (Mobile App Course)** 2023
  github.com/6531503042/Deap-Mobile-Application

  - Built a cross-platform mobile app using Flutter for booking dental appointments, managing user profiles, and posting dentist reviews.
  - Integrated Firebase services including Auth, Firestore, and Realtime DB for secure user authentication and real-time data sync.
  - Designed clean, user-friendly interfaces for appointment scheduling, doctor profiles, and review systems.
  - **Tech Stack:** Flutter, Dart, Firebase Auth, Firestore, Realtime Database

WRITING & PUBLICATIONS

- **Implementing gRPC Microservices with Spring Boot + Maven (Medium Article)** 2024
  medium.com/@nimittanbooutor
  * Walked through setting up a gRPC-based microservice in Java using Spring Boot and Maven.
  * Covered '.proto' file design, service implementation, and integrating gRPC server with modular project structure.