




Nimit Tanboontor

Software Engineering Student • 3rd Year • Mae Fah Luang University

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Summary Profile

I'm a third-year Software Engineering student at Mae Fah Luang University. I focus on backend development and am currently learning about AI and data engineering.

Education

Mae Fah Luang University

Bachelor of Engineering

Software Engineering Expected Graduation: 2026

Skills

Programming Languages

- Golang
- Dart
- Python
- Java
- Typescript
- C#

Frontend Frameworks

- React
- Angular
- React Native
- Vue
- NextJS
- Flutter

Backend Frameworks

- Echo
- Spring Boot
- Express

Database

- MySQL
- Firebase
- PostgreSQL
- SQLite
- MongoDB
- Redis

Infrastructure & Tools

- Jenkins
- Terraform
- Kubernetes
- Docker

Artificial Intelligence & Machine Learning:

- Numpy
- Tensorflow
- Sci-Py
- OpenCV
- Scikit-Learn
- NLP
- Hugging Face

Project Experience

ATA IT - Feedback System Management

3rd - Year / 2024

Team Lead & Full-Stack Developer

In Progress


Led the team in developing a feedback system for ATA IT Limited as part of our senior project. This system aims to address key HR challenges and improve workplace processes. The project focuses on solving problems for ATA IT and its client, Bank of Canada.

Key Contributions:

- Designed and implemented microservices with hexagonal architecture for scalability and maintainability.
- Designed and implemented an NLP service for pipeline data automation.
- Implement core backend services: authentication, feedback client, & management.
- Implement HR management dashboard & pipeline using Python & Java.

Stacks:

- Spring Boot (Java)
- Microservices
- NLP (Python)
- PostgreSQL
- NextJS (Typescript)
- Grafana & Prometheus
- Grafana & Prometheus

 <https://github.com/6531503042/feedback-ata-microservices-clean-arch-v1>

Sport Complex Management

3rd - Year / 2024

Team Lead & Full-Stack Developer


Developed a sports facility management system, designing both the backend structure and frontend interfaces.

Key Contributions:

- Designed and implemented microservices clean architecture for scalability
- Implement core backend services: authentication, facility, booking, payment system & management
- Implement admin management dashboard & pipeline with Next UI & Tailwindcss.
- Optimized overall frontend user experience and interface design.
- Implement real-time and efficient api using Kafka & gRPC.

Stacks:

- Echo (Golang)
- Clean Architecture
- gRPC API
- MongoDB
- NextJS (Typescript)

 github.com/6531503042/Sport-Complex

Deap Appointment Application

2nd - Year / 2023

Team Lead & System Designer


Led team in developing for MFU Dentist for Mae Fah Luang section. We are resolving business problems on the appointment system.

Key Contributions:

- Designed and implemented Firebase database architecture
- Led Flutter application development and UI/UX design
- Implement efficient appointment synchronization
- Managed team development workflow and code reviews

Stacks:

- Flutter (Dart)
- Firebase

 github.com/6531503042/Deap-Mobile-Application

Weather Forecase System

2nd - Year / 2023

Team Lead & Backend Developer

Led development of weather forecasting system with focus on data streaming and API integration.

Key Contributions:

- Designed backend architecture using Spring Boot
- Implemented structure for store streaming data from API.
- Implemented API structure for scheduled data collection.
- Implemented UI used JSP Integrations.

Stacks:

- Spring Boot (Java)
- MVC
- JSP
- MySQL
- GCP

 <https://github.com/6531503042/ForecastAPI>