



AUDSADA WUT NAKTHUNGTAO

SOFTWARE ENGINEERING

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vanTHkrab

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ABOUT ME

Highly motivated Computer Engineering student with a strong passion for backend development and scalable system design. Experienced with modern backend technologies, including NestJS, Laravel, microservices, and relational databases. Continuously learning advanced backend concepts and software engineering best practices, aiming to grow into a professional Software Engineer capable of building high-quality and scalable solutions.

SKILLS

- Frontend:** HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS, shadcn/ui
- Backend:** Node.js, NestJS, PHP, Laravel, RESTful API, GraphQL, gRPC, Microservices
- Database:** MySQL, PostgreSQL, MongoDB
- Infrastructure:** Docker, GitHub, CI/CD, Linux Server, Cloudflare
- Cloud:** AWS, Supabase, Firebase
- System:** Backend Design, System Design
- Soft Skills:** Teamwork, Scrum
- Languages: Thai (Native), English (Basic)

EDUCATION

2022 - Present

Bachelor's Degree (3.69)

Walailak University, Faculty of Engineering

Major: Computer Engineering and Artificial Intelligence

2016 - 2021

Secondary Education (3.14)

Thepmitsuksa School

Track: Science-Mathematics Program

REFERENCE

Mallika Kliangkhla

Walailak University

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PROJECT

AI-based Image Analysis System for Low-cost Digital Blood Pressure Monitors | (2025 – Present)

Designed and developed a mobile-based blood pressure monitoring system with computer vision and OCR to detect vital values from digital BP monitors. Built scalable backend architecture using microservices and asynchronous communication for data processing, real-time validation, and health record management.

E-Commerce (FunnyCraft) | (2025)

Developed a full-stack e-commerce application using Next.js 15 and NestJS with Prisma ORM. Implemented core features including product management, shopping cart, orders, and user authentication.

Mini Smart-Farm | (2024)

Developed a full-stack smart farm web app using Next.js 15, TypeScript, and Prisma for real-time monitoring of environmental data and remote control of farm devices.

WORK EXPERIENCE

Music Label Internal Management System (Sunwav) 2025

Designed and developed backend architecture using Laravel 12 for internal management workflows. Built an admin dashboard with React and shadcn/ui for managing artists and operational data. Implemented secure APIs, database design, and role-based access control.

Information Technology, SAB of Walailak University 2024 – 2025

Developed backend systems for student council election platforms and internal university websites using PHP and Laravel. Responsible for backend design and API development, with occasional support in Frontend implementation.