

Pattaranai Boonthai

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INTRODUCE

I am a third-year Computer Engineering student at KMITL PCC with a strong interest in web development, seeking opportunities to gain practical experience.

EXPERIENCE

Search & Review Restaurant

- Developed the backend and database for the system using Node.js, Express, TypeScript, PostgreSQL, and Redis
- Built all CRUD-based REST APIs and implemented session-based authentication with RBAC, supporting two roles: User and Restaurant Owner
- Designed the database schema and created docker to run the backend, PostgreSQL database, and Redis session store in isolated containers

POS

- Developed the backend and database using Node.js, Express, and PostgreSQL
- Built CRUD-based REST APIs for product management, promotions, stock adjustment, sale order creation, and dashboard summaries
- Implemented JWT authentication with RBAC, supporting two access levels: Cashier and Manager
- Designed the database schema for all POS modules
- Containerized backend and PostgreSQL using Docker and deployed successfully on Raspberry Pi
- Integrated Prisma ORM for secure and structured database operations

Portfolio website

This project is a modern web application built with Next.js, Tailwind CSS, and TypeScript. Designed as a hybrid GUI-CLI portfolio, it offers a clean interactive interface for general users while also providing a powerful developer-oriented CLI for quick access, automation, and exporting portfolio data. Both interfaces share a unified data model, ensuring consistency and maintainability across the system.

SKILLS

- Communication
- Responsibility
- Basic Language: HTML, CSS, Javascript and Python
- Database: PostgreSQL and MySQL
- Container: Docker
- Backend : Node.js and Express
- AI
- Microsoft office
- English: basic
- Git & Github

EDUCATION

King Mongkut's Institute of Technology Ladkrabang Prince of Chumphon Campus

Majors: computer engineering
GPA: 3.73 (4 semester)
2023 - Present

Thai German Pre Engineering School

GPA: 2.82
2020 - 2023

INTERNSHIP PERIOD

27/04/2026 - 26/06/2026

COOPERATION PERIOD

29/06/2026 - 30/10/2026