

NATTAPONG NANTASANG

FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer with 2+ years of experience building and maintaining production-grade web applications using Next.js and NestJS with TypeScript. Specialized in multi-tenant ERP systems, real-time data processing, and scalable REST APIs supporting inventory, POS, and e-commerce operations. Experienced in owning features end-to-end, collaborating with cross-functional teams, and delivering reliable solutions in fast-paced startup environments.

PROFESSIONAL EXPERIENCE

Full Stack Developer, Octagram

Jan 2024 - Present

- Developed a multi-tenant ERP system supporting inventory, POS, and e-commerce operations across multiple branches
- Designed and implemented NestJS APIs with PostgreSQL and TypeORM, ensuring secure data isolation per company
- Worked with existing gRPC-based services to integrate RFID hardware data and exposed real-time inventory updates to frontend applications via SSE
- Built responsive admin and customer-facing applications using Next.js 14/15 with App Router
- Collaborated with UX/UI, QA, and Product teams to deliver production-ready features
- Maintained and enhanced production systems used across multiple branches, handling bug fixes, performance improvements, and feature enhancements

Software Engineer (Internship), T.C.C. Technology

May 2023 - Oct 2023

- Developed backend services and RESTful APIs using TypeScript, Node.js, Express.js, and Strapi CMS
- Designed and implemented PostgreSQL database schemas and API endpoints for content-driven applications
- Created comprehensive API documentation using Swagger/OpenAPI
- Collaborated with team members using Git-based workflows and participated in code reviews and deployments

PROJECTS

Enterprise ERP System

2024 - Present

- Designed and maintained core backend architecture for a multi-tenant ERP system
- Implemented multi-tenant data isolation and role-based access control
- Optimized performance with Redis caching and efficient database queries
- Technologies: NestJS, Next.js, PostgreSQL, Redis, TypeORM

Travel Planning Platform

2023

- Developed RESTful APIs and admin dashboard for managing trips, hotels, and attractions
- Built Excel import/export tools for bulk data operations
- Technologies: NestJS, Next.js, MySQL

EDUCATION

Bachelor of Science in Computer Science
(2020 - 2024)
Khon Kaen University

SKILLS

- Frontend: Next.js, React, TypeScript
- Backend: NestJS, Node.js, REST API, gRPC-based services
- Database: PostgreSQL, MySQL, Redis
- DevOps: Docker, Docker Compose
- Tools: Git, Swagger/OpenAPI

ADDITIONAL INFORMATION

- Languages:** Thai (Native), English (Intermediate)