


Nattapat Janchaysang

Bangkok, Thailand, 10520

Tel: +66 92 659 7787 | E-mail: 66011360@kmitl.ac.th

 github.com/NattapatJanchaysang  nattapat-portfolio.vercel.app

SKILLS

Front-end: HTML, CSS, TailwindCSS, React.js, Next.js

Back-end: Express.js, Node.js, SQLite, MySQL, Prisma, Neon PostgreSQL, Drizzle ORM, TiDB

Programming Languages: JavaScript, TypeScript, SQL, Python (basic)

Tools: GitHub, Vscode, Figma, Jupyter Notebook, MySQL Workbench

EDUCATION

King Mongkut's Institute of Technology Ladkrabang University

Bachelor of Engineering | Major: IoT System and Information Engineering, Expected 2026

Current Cumulative GPA: 2.88/4.00

EXPERIENCE AND CERTIFICATIONS

Teaching Assistant - Mobile Application Development

November 2025 - Present

- Assisted instructor with lab sessions and grading assignments.

42 Bangkok - Fun With Code (Web Development)

November 2025

- Certificate of completion of the Discovery Piscine

PROJECTS

Portfolio website: nattapat-portfolio.vercel.app (for additional information and projects)

MedicalGuroo: <https://github.com/NattapatJanchaysang/MedicalGuroo> [\[Live Demo\]](#)

- Full-stack AI-powered medical voice agent consultation platform, developed with Next.js, provides intelligent health consultations through specialized AI medical agents.
- Users can consult various AI doctors via voice or text, receive medical reports, and get personalized health advice.
- Integrated advanced AI capabilities using OpenAI for medical reasoning and Vapi AI for real-time voice.
- visually engaging user interface with Shadcn/ui components and Motion animations, providing an intuitive dashboard for managing concurrent health sessions.
- Backend Infrastructure & Data Security Architected a secure serverless backend infrastructure using Neon Database (PostgreSQL) and Drizzle ORM to manage user profiles, chat logs, and medical reports efficiently.

EasyTalk: <https://github.com/NattapatJanchaysang/EasyTalk> [\[Live Demo\]](#)

- Platform Overview & Real-Time Interaction. Developed an interactive AI English tutoring platform using Next.js 16 and React 19, designed to facilitate immersive language practice through real-time voice conversations.
- Frontend Architecture & User Experience Crafted a responsive and intuitive user interface leveraging Tailwind CSS.
- Authentication & Data Management Implemented a secure and scalable authentication system using Clerk, employing middleware to strictly protect API routes and private application pages. Orchestrated serverless data management with Drizzle ORM and Neon (PostgreSQL).

IoT Dashboard: <https://github.com/NattapatJanchaysang/Project-Webdevelopment> [\[Live Demo\]](#)

- IoT Data Monitoring & System Architecture Designed a lightweight IoT web application specifically for real-time monitoring of drone configurations, operational status, and environmental data.
- Frontend Implementation & User Interface Developed a responsive frontend using standard HTML5, CSS3, and Vanilla JavaScript.
- Backend Development & API Integration Built a robust backend using Node.js and Express to orchestrate data flow between client requests and external data sources.

Blog Platform : <https://github.com/NattapatJanchaysang/Blog-Website> [\[Live Demo\]](#)

- Full-Stack Platform & Content Management Developed a comprehensive blogging platform.
- Frontend Development & User Experience Engineered a high-performance client-side application using Vite and React, delivering a fast and reactive user experience.
- Implemented Cloudinary for seamless image uploads and media optimization, ensuring high-performance asset delivery directly through backend endpoints.
- Backend Infrastructure & Deployment Built a robust RESTful API using Node.js and Express, integrated with TiDB for scalable, distributed SQL storage to efficiently manage user data and content.