Thanakorn Wannatong

FULLSTACK DEVELOPER

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SUMMARY

A sociable and enthusiastic learner who enjoys challenges and continuous growth. Skilled in backend development using Django and PostgreSQL, and frontend implementation with Next.js. Passionate about building efficient, user-focused systems and collaborating in team environments to deliver high-quality results.

TECHNICAL SKILLS

Programming languages : Python ,TypeScript , JavaScript , HTML5 , CSS , Java , C , C++ (Arduino)

Frameworks & Libraries: Express.js , Nest.js , Next.js , Django , Tailwind, Bootstrap ,Type ORM , Chart.js

Database : Mysql , PostgreSQL , MongoDB , SQL Server

Tools : Git , GitHub , Postman , Docker , Sourcetree

Other Skills : Linux Server , MQTT

SOFT SKILLS

Honest and Responsible | Communication | Teamwork | Problem Solving | Adaptability| Fast Learner

EXPERIENCE

Senior Project: The system for testing the temperature and electric current standards of an iron.   July 2024 - Present

- Designed and implemented a temperature monitoring system for electric irons using a microcontroller to accurately measure and control heat levels.
- Developed a custom gateway application with Electron.js, enabling communication between the computer and the microcontroller via Serial protocol for command transmission and data collection.
- Stored temperature data in a PostgreSQL database, ensuring reliable and structured data management.
- Created a dashboard using Next.js, visualizing temperature trends and device status for effective monitoring and control.

Backend Developer Intern , XTEN Technology   April 2025 - June 2025

- Contributed to developing and maintaining backend systems using Django and PostgreSQL, implementing APIs and database structures for internal and client projects.
- Supported data migration, monitoring, and cleaning processes to improve system accuracy and performance.
- Learned and practiced SQL optimization, API design, and Agile workflow, while assisting in testing and debugging backend features.

Projects   2023 - Present

- Developed a license plate recognition parking barrier system with web-based interface for managing authorized vehicles
- Designed and implemented RESTful APIs and performed web scraping for the Webhotel project.

Competition   2024

- TESA Top Gun Rally – Silver Medal (Web Developer Representative for University Team)

EDUCATION

Naresuan University   2022 - Present

Bachelor of Engineering in Computer Engineering