

CONTACT

Phone: 083-0937843
Email: karanyapatk@gmail.com

Address: 55 Moo 16, Wang Sai Phun, Phichit 66180, Thailand
Portfolio: <https://my-wabsite.onrender.com/>

PROFESSIONAL EXPERIENCE

University Final Project | 2024-2025

Development of monitoring and simulating system for vehicle inspection

- Developed a web-based monitoring system for police to track traffic cameras, enhancing efficiency in anomaly detection.
- Implemented features including blacklisted vehicle detection, evasion pattern recognition, blacklist management, and historical data retrieval.
- Utilized TypeScript, APIs, and WebSocket.io for real-time data processing and database simulation.

Training in Computer Engineering | 2024

Unicorn tech integration Co.,Ltd.

- Trained as a back-end developer, focusing on server-side logic and database management.
- Explored the 3CX system for call distribution, integrating with databases for contact lookup and call journaling.
- Supported web migration from Vue.js to Next.js for improved performance.
- Used SQL for database management, including data retrieval and updates.

Intern Project - Database Web Application | 2023

Tutorial Universe

- Developed a PHP-based beginner practice web application for managing online course registrations, integrated with phpMyAdmin database.
- Enabled admin functionalities including adding, editing, deleting, and verifying payments for registered users.
- Implemented basic database connectivity for user data management using SQL queries.

Embedded Systems Project | 2023

Line Following Robot

- Designed and built a robot using Arduino UNO with 2 motors and 1 servo, programmed for line-following functionality.
- Developed basic control algorithms to navigate predefined paths, enhancing problem-solving and hardware integration skills.

EDUCATION

Naresuan University | 2021-2025

Bachelor of Engineering in Computer Engineering (GPA: 2.70)

CERTIFICATES

Course Online in Udemy | 2025

Web Development
Full Stack HTML CSS NodeJS Express MySQL.

LINK Certified | 2024

Network Cabling for Engineering.