

PATTARAWAN SARAVANEYAWONG

Full-Stack Developer

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LinkedIn GitHub

SUMMARY

Full-stack developer with hands-on experience building real-time systems, automation tools, and full-stack solutions using React, Next.js, TypeScript, Node.js, MySQL, Firebase, and Google Maps APIs.

EXPERIENCE

Software Engineer

Inno Digital Biz Co., Ltd

Bangkok, Thailand

February 2025 – July 2025

Eagle Eye – GPS Vehicle Tracking System

- Engineered a real-time GPS tracking platform (Firebase, Google Maps API, Node.js, Express) automating ~80% of driver check-in/out tasks and improving road safety.
- Designed an intuitive UI reducing manual driver actions and minimizing errors.
- Developed backend logic to process GPS data, providing managers with precise trip insights (drive hours, stops, routes) for better planning.
- Delivered a scalable solution supporting 100+ vehicles daily and improving fleet time/material efficiency.

Mechanization – SCG’s Core Cement Dispatch & Logistics System

- Optimized MySQL queries across a highly normalized schema (multi-table joins) to generate accurate, human-readable logistics reports with real-time data.
- Built Node.js/Typescript backend logic to calculate penalties and automate report emails with NodeMailer, saving managers ~3-5 hours weekly.
- Enabled managers to quickly trace customer orders and resolve issues faster, improving response times and supporting smoother larger-scale cement dispatch operations.

EDUCATION

Computer Programming Diploma

Seneca Polytechnic

September 2023 – December 2024

North York, Canada

Bachelor of Management in Air Cargo Management

Civil Aviation Training Center

July 2019 – April 2023

Bangkok, Thailand

PROJECTS

Safe Hood Application

Team Bam – Student Housing Finalist

Served as the sole software developer, designing a Figma prototype with neighborhood insights (crime rates, rental prices, facilities) and proposed a Neighborhood Watch feature for real-time reporting and community chat.

ACHIEVEMENTS

Promoted from Intern to Full-Time Software Engineer within 3 months at Inno Digital Biz.

Finalist, 2024 Housing Hackathon – Safe Hoods Application

President’s Honor List, Seneca Polytechnic – Winter 2024

Led technology research initiatives on GPS solutions, contributing to company-wide innovations

SKILLS

TypeScript	JavaScript
HTML	CSS
Tailwind CSS	BootStrap
React	Next.js
Node.js	Express
MySQL	Firebase
Google Maps API	Postman