PISUT PALAPOL

Backend Developer | Frontend Developer

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OBJECTIVE

I have a passion for coding and software development, with a strong commitment to continuously improving my technical skills. I focus on designing and building efficient solutions in challenging work environments, adapting quickly to new technologies and collaborating effectively with teams to deliver high-quality results.

EXPERIENCE

Full-Stack Developer (Personal Project) – Self-learning Project *(May 2025 – March 2025)*

Project: KPI Management System

Technologies: React, Tailwind CSS, Lucide, Node.js, Express.js, PostgreSQL

Responsibilities:

- Designed and developed a KPI management web system using React, Tailwind CSS, and Lucide icons.
- Built responsive and user-friendly front-end.
- Developed backend with Node.js (Express.js) connected to PostgreSQL.
- Managed KPI data and system functionalities.
- Used GitHub for version control and collaboration.

GitHub: pisutpa/ko_management_system.git

Back-End Developer (Personal Project) – Self-learning Project *(May 2015 – May 2025)*

Project: Disaster Prediction and Alert API

Technologies: Prisma, SendGrid, Axios, data-Ins, Express.js, Redis, Winston, Morgan, dotenv

Responsibilities:

- Developed RESTful API with Express.js.
- Managed database using Prisma ORM and caching with Redis.
- Integrated notifications with SendGrid (email) and Twilio (SMS).
- Fetched data from external APIs via Axios.
- Maintained logging using Morgan and Winston.
- Used GitHub for version control.

GitHub: pisutpa/Disaster_api.git

Front-end Developer – Bachelor's Project, RMUTI Khon Kaen *(Dec 2022 – Jan 2023)*

Project: Controlling Electricity Consumption With LoRaWAN Technology

Technologies: Angular, HTML, CSS, Bootstrap, Node-RED, SQLite

Responsibilities:

- Developed responsive UI with Angular, HTML, CSS, Bootstrap.
- Visualized real-time electricity consumption data via LoRaWAN.
- Collaborated with backend system using Node-RED and SQLite.
- Focused on user-friendly dashboard design.

Internship – Electronic Shell Co., Ltd. *(June 2021 – October 2021)*

Project: Power Consumption Monitoring Web Application

Technologies: Codeigniter (PHP), CSS, Bootstrap, Node.js, MySQL

Responsibilities:

- Developed responsive UI with Bootstrap and CSS for real-time energy data display.
- Integrated data from Node.js APIs and MySQL.
- Visualized energy usage trends using Chart.js.
- Built reusable UI components and ensured cross-browser compatibility.

EDUCATION

Bachelor of Engineering (B.Eng.) in Computer Engineering
Rajamangala University of Technology Isan, Khon Kaen Campus
May 2018 – March 2025

SKILLS

- Programming Languages: HTML, CSS, PHP, JavaScript, SQL
- Frameworks & Libraries: React, Tailwind CSS, Bootstrap, Node.js (Express), Angular, Prisma
- Databases: MySQL, MongoDB, PostgreSQL
- Tools: GitHub, Postman, DBeaver, XAMPP

Soft SKILLS

- Clear Communication
- Adaptability (or "Highly Adaptable")
- Teamwork
- Effective Collaboration