

NOPPARUJ POONSUBANAN

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ABOUT

Computer Engineering student with hands-on experience in machine learning applications, web development, and Linux administration

EXPERIENCE

Home Service Application

June 2023 - August 2023

Sansiri (Mobile & Web Solution)

Bangkok, Thailand

- Implement a real-time chat system between residents and project managers using Vue.js integrating with Firebase
- Develop a system that can enable/disable the operation of services for each project

Waste-Segregation Guide

June 2023

Sansiri (Mobile & Web Solution)

Bangkok, Thailand

- Design database structure using Microsoft SQL Server
- Implement APIs using ASP.NET core and deployed them as Docker containers
- Develop a comprehensive web application using Vue.js

Parkinson's Diseases Patient Detection

August 2023 - Present

Chulalongkorn University

Bangkok, Thailand

- Utilize machine learning to screen for Parkinson's disease in a web application using Next.js
- Set up Google OAuth and cookie for authentication using Go REST API
- Using CI/CD pipelines with GitHub Actions for deploying a Docker image to Kubernetes

Software-Defined Systems Project

November 2023

Chulalongkorn University

Bangkok, Thailand

- Develop a microservices-based web application for mathematical computations and deploy it as a Docker container using Ansible and Kubernetes on multiple Raspberry Pi devices
- Set up Linux monitoring system with Grafana

SKILL

Programming Languages:

Python, C, C++, C#, Go, Java, JavaScript, TypeScript

Frameworks and Libraries:

Tailwind CSS, Next.js, React, ASP.NET, Gofiber, Pandas

Platforms:

Linux, Docker, Kubernetes

Databases:

MySQL, PostgreSQL, MongoDB, Microsoft SQL Server

Tools:

Grafana, GitHub Actions, Ansible, Vim

EDUCATION

Bachelor of Computer Engineering

August 2020 - Present

Chulalongkorn University

Bangkok, Thailand

- Relevant Coursework: Data structure, Algorithm Design, Software-Defined Systems