Wongsakron Kongkamud

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WORK EXPERIENCE

TCCT Trade Competition Commission of Thailand   **JUN 2023 - JULY 2023**
Software Developer Intern
Developed and implemented a web application for a GIS convenience store system developed with NodeJs and React Framework. As part of this project, I designed a data pipeline using ETL tools like Apache Airflow to extract data from each convenience store API, transform it using Python, and store it in both PostgreSQL and Amazon S3. Additionally, I created a system to monitor the data flow and alert me of any errors via email. Finally, I improved the performance of the web application by designing an algorithm that reduced the rendering time from 90 seconds to just 20 seconds.

PROJECTS

Final Semester project Web development
Development of the Department's Internship Web Application.
Developed a full-stack web application for the Department's Internship using tools such as React, Bootstrap, NodeJS, and MySQL. In the development section, I designed a workflow system and created Class & ER diagrams, designed the database. The platform serves as a document and collects all steps related to student internships, from creating a job post to recruiting interns to processing documents for requesting documents internship courtesy. The system automatically creates documents with a PDF kit and evaluates intern students in the final step. finally, Deploy this project with the docker in the server.

Django project Web development
Guide To GO
Developed a Python Web Application that covers the design of UXUI using HTML, CSS, and the Django framework. It has been deployed on Heroku. The application is a Tour Trading website where guides can post tours for sale. Tourists can select and purchase tours. The website also has a featured blog that reviews tourist attractions.

ACTIVITY

TESA Top Gun Rally 2022
Device Development for Metaverse
Work on the server programming section, covering Docker, MQTT, and NodeRED for managing and monitoring the connection between hardware and ROS simulator robot arm in MATLAB. Use Scrum for project management and team collaboration.

CARLA CONTEST 2023
Autonomous Driving Challenge. TOYOTA TSUSHO NEXTY ELECTRONICS(THAILAND) CO., LTD.
Discover the latest software development trends in the automotive industry and explore cutting-edge techniques for creating self-driving cars using the CARLA simulator.

EDUCATION & CERTIFICATIONS

Bachelor of Engineering
Majors: Computer engineering
Thammasat University
2020 - Present

Google Cloud Fundamentals: Big Data and Machine Learning
Cloud Ace Ltd
Google Cloud Fundamentals : Core Infrastructure
Cloud Ace Ltd

HARDSKILLS

- Python
- Java
- SQL
- PowerBI
- Html, Css
- NodeJS Framework
- React Framework
- Django Framework
- Git

SOFTSKILLS

- Scrum
- Leadership
- Teamwork