POOWADOL RUNGTABNAPA

FULL STACK ENGINEER

CONTACT

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SKILLS

- **Front-End Development**
  - HTML
  - CSS (Tailwind, Boostrap)
  - React
  - Next.js
- **Back-End Development**
  - Python (Flask, Pandas, FlaskAPI, FastAPI)
  - Golang (Go, Fiber, Gorm)
  - C# (.NET)
  - APIs
  - WebSockets
- **DevOps & Infrastructure**
  - Docker
  - AWS Cloud
  - Google Cloud
- **Version Control & Design**
  - Git
  - Figma
- **Operating Systems**
  - Windows
  - Windows Server
  - Linux
- **Database**
  - SQL
  - PostgreSQL
  - MySQL
  - AS400

PROFILE

I am a results-oriented Full-Stack Engineer with a strong foundation in system programming (1 year) and a passion for building full-stack web applications.
I leverage my diverse skillset, including back-end languages (Python, C#, .Net Core) and front-end frameworks (React, Next.js), to bridge the gap between server and client functionalities, ensuring efficient and scalable solutions

EDUCATION

KING MONGKUT'S UNIVERSITY OF TECHNOLOGY NORTH BANGKOK

2019 - 2022

- Bachelor's Degree in Major Information and Network Engineering
- GPA: 3.42 (Second Class Honors)

WORK EXPERIENCE

CSI Groups (System Programmer)
May 2023 - Present

Analytics Dashboard
May 2023 - Aug 2023

Technical Skills

- Back-End: C# (.NET Core), ABP Framework
- Front-End : JavaScript , React
- Dev Ops : Windows Server (IIS)

Key Responsibilities

- **Developed and implemented RESTful APIs** for data exchange between front-end and back-end components using C# (.Net Core) with ABP Framework
- **Implemented robust admin system** to control access to specific modules based on user roles, ensuring data security and user experience.
- **Designed and built comprehensive Back Office interface** using JavaScript with a focus on user-friendliness. This interface facilitated:
- **Deployed applications** to production servers (Windows Server IIS)
- **Designed and developed** an interactive analytics dashboard leveraging React to visualize key performance metrics (KPIs).

Key Achievements

- **Successfully built and deployed a RESTful API** using C# (.NET Core) with ABP Framework, demonstrating strong back-end development skills.
- **Developed a secure** and user-friendly admin system with role-based access control, showcasing proficiency in both back-end development and user experience principles.

Web Application AI and ML Training Model
Sep 2023 - Nov 2023

Technical Skills

- Back-End: C# (.NET Core), ABP Framework
- Front-End : JavaScript
- Dev Ops : AWS Cloud

Key Responsibilities

- **Developed and implemented APIs** between front-end and back-end using C# (. Net Core) with ABP Framework
- **Implemented robust admin system** to control access to specific modules based on user roles, ensuring data security and user experience.

- **Developed a demonstration training model** using Python libraries like Streamlit for user interaction with the AI/ML functionalities.
- **Deployed the web application and AI/ML model** to AWS EC2 instances, ensuring scalability and resource optimization.
- **Implemented message queuing** with RabbitMQ to handle asynchronous tasks during the training process, improving overall performance.

Key Achievements

- **Successfully built and deployed** a web application that facilitates AI/ML training in various domains.
- **Leveraged RabbitMQ** to manage asynchronous tasks during AI/ML training, leading to improved efficiency and scalability.

Real-Time Warehouse Analytics Dashboard   Dec 2023 - Present

Technical Skills

- Back-End: Python (Pandas, FastAPI, WebSockets)
- Front-End : Next.js
- Dev Ops : Windows Server (IIS)

Key Responsibilities

- **Built RESTful APIs** using Python and FastAPI to facilitate data exchange between the front-end dashboard and the back-end warehouse data.
- **WebSockets** using Python for check new Calculation result
- **Developed efficient warehouse calculations** using Python libraries like Pandas, ensuring accurate and up-to-date data visualization.
- **Designed and implemented** a real-time analytics dashboard with Next.js to provide users with continuous insights into warehouse data.

Key Achievements

- **Achieved near real-time data** refresh in the analytics dashboard, enabling users to make informed decisions based on the latest inventory status.

CSI Groups Internship (System Programmer)   Dec 2022 - Mar 2023

Web Application for Route Optimization

Technical Skills

- Back-End : Python (Flask)
- Front-End : JavaScript

Key Responsibilities

- **Developed a web application** using Python Flask and JavaScript to optimize delivery routes using a Genetic Algorithm
- **Designed and implemented** three separate web applications
  - **Admin Dashboard**: Provides administrative functionalities for managing users, routes, and deliveries.
  - **Driver Web App**: Enables drivers to view assigned routes and optimize their delivery schedules.
  - **Client Web App**: Allows clients to track their deliveries and visualize optimized routes.

Key Achievements

- Successfully developed a full-stack web application that optimizes delivery routes using a Genetic Algorithm

PROJECT

Web Application Cryptocurrency Price Prediction

- **Developed a web application** using machine learning to predict cryptocurrency prices.
- **Achieved recognition** with an **Excellent Award** at the AUCC conference.

Food Delivery Web Application

- **Built a web application** for food ordering using REST API, PostgreSQL, Python, and HTML.