POOWADOL RUNGTABNAPA (Mac)

CONTACT

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HARD SKILLS

- **Programming Language**
  - HTML
  - CSS
  - Javascript
  - Python
  - Golang
  - C#
- **Framework**
  - Node.js
  - React.js
  - Next.js
  - Flask
  - Fast API
  - Gorm
  - Fiber
  - .Net Core
- **DevOps & Infrastructure**
  - Docker
  - AWS
  - GCP
  - Jenkins
  - Sonar Qube
- **Version Control & Design**
  - Git
  - Figma
- **Operating Systems**
  - Windows
  - Unix

PROFILE

I am a **Software Engineer** with a strong foundation in **system programming(1 year)** and a passion for building Products.

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

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

Technical Skills

- Back-End: C# (.NET Core), ABP Framework, Python (Streamlit)
- 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

Technical Skills

- Back-End: Python (Pandas, FastAPI)
- 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)   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.