CONTACT

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📍 Bangkok, Thailand

EDUCATION

2019 - 2022
KING MONGKUT'S UNIVERSITY OF TECHNOLOGY NORTH BANGKOK

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

SKILLS

- **Programming :** HTML, CSS (Tailwind, Boostrap), React, Next.js, Python (Flask, Pandas, FlaskAPI, FastAPI), Golang (Go, Fiber, Gorm), C# (.NET)
- **Technical** : Docker, Figma, AWS Cloud, Window Server, Linux, Git, APIs, WebSockets
- **Database :** Postgres, MySQL, MongoDB, AS400
- **Machine Learning :** Natural Language Processing, Neural Network, Deep Learning, ML Models (e.g. kNN, Naive Bayes)

LANGUAGES

- Thai (Native)
- English (Intermediate)

POOWADOL RUNGTABNAPA

FULL STACK ENGINEER

PROFILE

I am a results-oriented and adaptable system programmer with 1 years of experience in crafting efficient and scalable software solutions. Proficient in both back-end and front-end development, I leverage my diverse skillset to bridge the gap between server and client functionalities.
My experience spans various technologies, including:
- Back-end: C# .NET Core, Python
- Front-end: React, JavaScript, Next.js
- Deployment: Windows Server, AWS Cloud (EC2 with Linux)

Additional Skills:
- Strong understanding of software development lifecycle (SDLC) methodologies.
- Excellent problem-solving and analytical skills.
- Effective collaboration and communication skills.

WORK EXPERIENCE

CSI Groups, Bangkok, Thailand
System Programmer   May 2023 - Present

Key Responsibilities :
- Developed and maintained back-end and front-end components of various software applications.
- Utilized various technologies including C# .NET Core, Python, React, and JavaScript.
- Implemented functionalities and features as per project requirements, including deployment on both Windows Server and AWS Cloud (EC2).
- Participated in all phases of the software development lifecycle (SDLC).
- Collaborated effectively with team members to ensure successful project completion.

Project Highlights :
- Dashboard Web Application (May 2023 - Sep 2023) : Successfully developed a dashboard application using C# .NET Core for the back-end and React for the front-end. This involved creating data visualizations, handling user interactions, and ensuring efficient performance. The application was successfully deployed on Windows Server.

- Web Application for Training AI (Oct 2023 - Dec 2023): Built a comprehensive web application for training AI using C# .NET Core for the back-end, JavaScript for the front-end, and Python for specific services. This project involved implementing functionalities for data ingestion, training algorithms, and managing training processes. The application was successfully deployed on AWS Cloud (EC2 with Linux).

- Data Science Project: Stock Dashboard Warehouse (Jan 2024 - Present): Developed a comprehensive dashboard warehouse using Python for the back-end, Next.js for the front-end, and an AS400 database for data storage. This project involved creating visualizations for stock in/out and stock levels, enabling data analysis and informed decision making.

System Programmer (Internship)   Dec 2022 - Mar 2023

Project: Web Application for Route Optimization

Key Responsibilities :
- Developed a full-stack web application using Python Flask and JavaScript to optimize delivery routes using a Genetic Algorithm
- Designed and implemented three separate web applications for:
  - Admin Dashboard: Calculate optimal routes, manage costs, drivers, and parcels for daily deliveries.
  - Driver App: Accept and manage assigned delivery jobs.
  - Client App: Create parcels and request delivery services.

PROJECTS

Conference Award-Excellent Web Application Cryptocurrency Price Prediction (AUCC)
- 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.

Faculty Network Design and Implementation
- Designed and implemented a network for the Faculty of Information Technology and Multimedia (FITM), including: DHCP configuration, Site-to-site VPN, VLAN configuration, Firewall installation