



Sirasith Ruengsilapavilai

095-484-9417 | sirasith.ru@gmail.com | GitHub | Portfolio

Educational

King Mongkut's Institute of Technology Ladkrabang

August 2022 - Present

Bachelor of Science in Computer Science

GPA : 3.37

Experience

SAP Master Trainer – ASEAN DSE 2024

February 2024 – Present

- Selected as a **Master Trainer** for ASEAN Data Science Explorers (ASEAN DSE) Enablement Session 2024, empowering underserved youth across ASEAN.
- Conducted training on **SAP Analytics Cloud (SAC)** for **COVID-19** data analysis, teaching participants how to apply data science techniques.
- Led hands-on workshops on **SAP Low-code/No-code** tools, guiding participants through:
 - Mission #1** – Built a Barcode Scanner App using SAP Build Apps.
 - Mission #2** – Developed an IT Order App with workflow automation.

Krungsri UniVerse x KMITL Hackathon Innovating for a Sustainable Future

July 2023

- Proposed the idea of an AI Smart Trash Bin for waste segregation in communities, integrating a Line Chatbot for real-time monitoring and reward-based participation.
- Designed a **prototype in Figma**, featuring key interfaces for **user registration, waste detection, and reward redemption**, optimizing user engagement and system usability.

Project

GearUp E-commerce Platform

January 2025 – Present

- Developing an e-commerce platform for buying and selling using **Next.js** for the frontend and **Spring Boot** for the backend.
- Building and containerizing the backend with **Docker** for easy deployment and scalability.

Looterz Website Board Game Online

June 2024 – Present

- Adapting the **Looterz board game** into a **web-based multiplayer experience**, allowing users to create rooms, manage game sessions, and track scores.
- Collaborating with friends to develop the game using **Next.js, Golang, and MySQL**.

Carbon Credit Marketplace

July – December 2024

- Designed and built a **carbon credit trading platform**, connecting sellers with buyers for transparent and efficient transactions.
- Designed a robust database using **MySQL** and an **ER Diagram**, and built the system with **Next.js** and **Express.js** for a seamless user experience.

Image to Text Converter

July – December 2024

- Built an AI-powered tool for extracting text from images with high accuracy
- Developed and fine-tuned AI models, built the backend with **Flask API**, and designed the frontend using **Svelte** for an intuitive user experience.

Skills & Others

Technical

- Programming Languages:** HTML, CSS, JavaScript, TypeScript, Java, Golang, SQL, NoSQL
- Frameworks & Libraries:** React, Next.js, Svelte, Tailwind CSS, Express.js, Go Fiber, Spring Boot
- Databases & Tools:** MySQL, Supabase, PostgreSQL, Oracle

Soft Skills

- Collaboration & Teamwork** | **Critical Thinking** | **Problem-Solving** | **Empathy**