Sirasith Ruengsilapavilai

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Educational

King Mongkut's Institute of Technology Ladkrabang   *August 2022 - Present*

Bachelor of Science in Computer Science

GPA : 3.34

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

Travel Destination Recommendation & Posting Platform   *January 2025– Present*
- Developing a **travel recommendation** and **posting platform** using **Next.js** as both frontend and action server.
- Integrated **Supabase** as the database, enabling **user authentication**, **post management**, and **image uploads**.

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
- **Databases & Tools:** MySQL, Supabase, Firebase, PostgreSQL, Oracle

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