Sippakon Khammisawang（Touch）

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EDUCATION

Chiang Mai University – Chiang Mai , Thailand

B.Eng Computer Enginerring, 3rd year

TECHNICAL SKILLS

- **Languages**: Python ,Java , JavaScript ,TypeScript, PHP
- **Frameworks:** Laravel ,NestJS
- **Database**: MySQL, Postgrest , MongoDB
- **Web Dev**: ReactJS ,Tailwind
- **DevOps**: Docker, Kubernetes
- **IoT**: Arduino, ESP32

WORK EXPERIENCE

Chiang Mai University's Faculty of Engineering   **Nov 2024 – Present**

Backend Developer

-Developed and maintained backend APIs for scholarship website, status checking, and data management.
-Collaboration with Frontend Team: Worked closely with the frontend development team to ensure seamless integration between the backend and the frontend components of the website.

PROJECTS

Fullstack Web Application – Art and Community

Role: Fullstack. Tech stack: Typescript ,Postgrest ,React tailwind

Developed a platform for showcasing art where users can upload, buy, and sell artworks with features like payment systems, shopping carts, and ownership rights management.

E-commerce Store

Role: Fullstack. Tech stack: PHP LARAVEL ,MYSQL

Built an e-commerce platform with features including shopping carts, top-up systems, payment processing, and standard store functionalities.

Game Upbeat

Role: Backend and Frontend Tech stack: Java , Spring ,React

Designed and developed a strategy game where players input plans to conquer opposing cities, and the game executes based on the pre-defined strategies.

Computer Architecture Project

Role: Developer. Tech stack: Java

- Description: Designed custom assembly instructions as part of a computer architecture project to support further system development.

Hardware Projects

Rock-Paper-Scissors Game Using Logic Gates:
- Description: Designed a logic process to create a rock-paper-scissors game using basic logic gates like AND, OR, NOR, and NAND.

Resistor Cutting Machine:
- Description: Developed a resistor-cutting machine controlled via an ESP32 microcontroller.

Nuclues Projects

Role: Fullstack. Tech stack: NestJS ,MySQL ,React Tailwind

The system is designed to enhance the tourism experience of the Holng Him Khaw community. The database and API system design includes, at a high level, features such as login and registration, a workshop booking system, a payment system, and an admin system.

EXTRACURRICULAR ACTIVITIES

- Huawei Cloud HCCDA – Tech Essentials Certificate
- Teacher Assistance
  - 261212 LOGIC & DIGITAL CIRCUITS LAB
  - 261200 OBJECT-ORIENTED PROGRAMMING
  - 259201 COMP PROG FOR ENGINEERS