

# KASITPHOOM THOWONGS

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## EDUCATIONAL BACKGROUND

### University of Glasgow

(Double Degree) BSc Honours in Software Engineering

Glasgow, United Kingdom

Sep 2024 – May 2026

### King Mongkut's Institute of Technology Ladkrabang (KMITL)

(Double Degree) BEng in Software Engineering • GPA: 3.55

Bangkok, Thailand

Aug 2022 – Aug 2024

## WORK EXPERIENCE

### Readyplanet Public Company Limited

Software Developer Intern

Bangkok, Thailand

May 2024 – Aug 2024

(Core Web Vitals, Generative AI, React.js, React Redux, Tailwind CSS, Express.js, Next.js, Nest.js, Meta API)

- Leverage generative AI with engaging prompts to efficiently track sales conversation conversions on Facebook and Instagram via Messenger and Instagram Direct Message.
- Developed a system that allows users to select conversions generated by the generative AI system and seamlessly transfer them to their Meta ads account.
- Developed a automatic testing system for SQL injection on API routes using SQLMap.
- Prioritised Core Web Vitals to create custom E-Commerce website and landing pages, aiming to achieve a high-speed website based on PageSpeed Insights.

### King Mongkut's Institute of Technology Ladkrabang

Teaching Assistant (Rust)

Bangkok, Thailand

July 2023 – Oct 2023

- Assessed and provided detailed feedback on homework assignments and lab exercises, helping to enhance students' technical skills and support their academic success.

## SKILL

Programming Languages:	PHP, TypeScript, JavaScript, Python, C, C++, Java, R, Rust
Web Development (Front End):	Next.js, React.js, Tailwind CSS, Angular, Figma
Web Development (Back End):	Express.js, Axios, Nginx, Firebase
Database Management System:	MySQL, PostgreSQL, MongoDB
AWS Services:	EC2, S3, Cloudfront
DevOps:	Docker, GitLab CI/CD pipelines
Testing:	Postman
Other:	Qt, Bash, Cloudflare

## PROJECT

### All-in-one learning platform website

HTML, JavaScript, CSS, FastAPI (Python), ZODB (Python), Node.js, WebSocket, WebRTC

Github: [SE Web Github](#)

Website: [SE Web](#)

- Utilised WebRTC with Node.js and WebSocket to produced a real-time online meeting.
- Implemented a robust back-end with Python FastAPI (API) and ZODB (Database) to ensure seamless data retrieval and storage capabilities
- Created an All-in-One Learning Platform website for Software Engineering at KMITL, utilizing HTML, JavaScript, and CSS for an intuitive front-end.

### Yothinburana School International Programme Website

PHP, HTML, JavaScript, CSS, MySQL

Website: [YBIP Website](#)

- Engineered the Yothinburana School website by integrating PHP to facilitate seamless communication between the MySQL database and the front-end.
- Resulted in a dynamic and interactive website that efficiently meets the school's informational and educational needs while maintaining a modern and professional appearance.
- Ensured a seamlessly functioning and aesthetically pleasing platform.

### Personal Portfolio Website

React.js, Tailwind CSS, Express.js, MySQL, AWS EC2

Website: [Kasitphoom Portfolio](#)

- Developed a visually appealing Personal Portfolio website using React.js and Tailwind CSS.
- Completed an API with Express Server on AWS machine linked with MySQL Database.

## LEADERSHIP/EXTRACURRICULAR

### GUTS DYHTG Hackathon - 2nd place from GUITARGUITAR Limited

GitHub: [AI Music Practice Tools](#)

Develop an AI-based system that provides musicians with songs, chords, and lyrics tailored to their preferences, aiming to deliver a new and engaging experience for users.

### Vice-President of KMITL - SE14

Bangkok, Thailand

Assist the team in making crucial decisions. Lead freshman events designed to help students adjust to the university environment and provide valuable advice.