

# SARIT SAMKUMPIM

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## SUMMARY

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Frontend-focused Software Engineer with hands-on experience building modern web applications using React and JavaScript, with backend exposure using Node.js and Express. Strong in state management, API integration, and real business logic, and comfortable working in Agile teams to deliver clean, user-centered digital solutions.

## EDUCATION

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**MASTER OF SCIENCE IN COMPUTER SCIENCE (MERIT)** 2024 - 2025  
University of Kent, Kent, United Kingdom.

**BACHELOR OF ENGINEERING WITH GPA 2.8** 2019 - 2023  
Faculty of Engineering , Major in Survey Engineering and Geographic Information  
Kasetsart University, Bangkok, Thailand

## WORK EXPERIENCES

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**PROVINCIAL ELECTRICITY AUTHORITY, THAILAND** APR 18, 2022 - JUN 17, 2022  
**POSITION : GEOGRAPHIC INFORMATION SYSTEM PLANNING DEPARTMENT**

- Worked across multiple GIS departments including Planning, Data, and Technology, supporting internal systems used for electrical network management.
- Prepared GIS maps and system diagrams for the Planning Department, including presenting internship outcomes to department leadership.
- Assisted with data preparation, validation, and reporting using ArcMap and SAP-integrated datasets.
- Supported system testing, performance monitoring, and access control for internal GIS platforms.
- Gained experience working with large datasets, internal software systems, and cross-functional teams in a real operational environment.

## PROJECT

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**Whondo** Student Rental Web Platform

**Tech:** JavaScript(ES6+), Web Components, HTML, CSS, Shadow DOM

**GitHub:** github.com/Taghunter98/Whondo

**Description:** Built a reusable UI system using Web Components and Shadow DOM to keep components isolated, scalable, and easy to maintain. Implemented real UX features: required-field validation, password strength meter, image upload with preview and drag & drop, and UI components (carousel, etc.).

Integrated frontend with authentication and email verification, working with real API workflows in a Scrum-inspired GitHub workflow

**Conference Event Planner**

**Tech:** React, Redux Toolkit, Tailwind CSS, Vite

**GitHub:** github.com/mosetz/conference\_event\_planner

**Description:** Built an event planning app where users select venue room, add-ons, and meals with real-time total cost calculation. Managed complex state using Redux Toolkit slices (selections, quantities, pricing rules) for maintainable and scalable logic.

### **Bill Splitter (Work in Progress)**

**Tech:** React, Redux Toolkit, Tailwind CSS, Vite

**GitHub:** [github.com/mosetz/bill-splitter](https://github.com/mosetz/bill-splitter)

**Description:** Built a bill-splitting app supporting split by person or item, VAT/service charge, discount rules, and fair rounding so totals match the receipt. Designed modular calculation logic and validated results with unit tests to prevent edge-case errors.

### **ExpressBookReviews**

**Tech:** Node.js, Express.js, JWT, REST API, Postman

**GitHub:** [github.com/mosetz/expressBookReviews](https://github.com/mosetz/expressBookReviews)

**Description:** Built a RESTful backend service for managing books and user reviews with JWT-based authentication. Implemented secure login, protected routes, and CRUD operations for reviews. Designed clean and scalable routing structure separating public and authenticated endpoints. Tested API endpoints using Postman to ensure correct authentication and data handling.

### **Portfolio Website**

**Tech:** JavaScript, Tailwind CSS, Express.js, Render (deployment), Resend (email)

**GitHub:** [github.com/mosetz/my-portfolio](https://github.com/mosetz/my-portfolio)

**Description:** Built a responsive portfolio site with a contact flow powered by an Express API, deployed on Render, and email delivery via Resend (production-style form handling). Focused on clean UI, performance, and clear project presentation.

## **SKILLS AND QUALIFICATIONS**

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### **Technical Skill**

**Front-end :** JavaScript (ES6), Java (OOP), PHP, React.js, Redux Toolkit, HTML5, CSS3, TailwindCSS

**Back-end :** Node.js, Express.js, REST APIs, JWT Authentication

**Database :** SQL

**Tools :** VScode, IntelliJ IDEA, Eclipse IDE, Postman, Jira, Figma, Git/GitHub, Notion, Microsoft word, Power Point

**Hard Skills :** Agile (Scrum) methodology, Software Development, analysis and design, Unit testing

**Soft Skills :** Strong verbal and written communication skills, Interpersonal Skills, Negotiation, Teamwork and Collaboration, Time management, Adaptability, Flexibility, Critical thinking, Attention to Details, Problem Solving, Patience, Positive Attitude and Enthusiasm.

**Languages :** Thai (Mother Tongue), English : Fluent (CEFR C1 – IELTS 7.0 equivalent, Heriot-Watt University Pre-Sessional English Programme) and Developing skills in a third language to work with a dynamic team in a fast-paced environment.

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## **CERTIFICATIONS**

- **Developing Front-end App with React** - Coursera
- **Developing Back-End Apps with Node.js and Express** - Coursera
- **Learn JavaScript Course** - Codecademy
- **Introduction to Software Engineering** - Coursera