

# SAI SOE

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## FULL STACK WEB DEVELOPER

Passionate Full Stack Web Developer with 5 years of experience designing, developing, and maintaining scalable enterprise web applications for the real estate industry. Skilled in creating efficient, user-centric solutions using a strong tech stack, including PHP, Laravel, JavaScript, React, MySQL, and Oracle. Strong background in both backend and frontend development, with a focus on delivering high-quality, maintainable code. Experienced in optimizing application performance and collaborating in Agile environments to meet complex business requirements and enhance user experience. Excellent communicator and proactive team player with a proven ability to adapt quickly to new challenges, fostering strong collaboration with cross-functional teams to achieve project goals and exceed client expectations.

- UI/UX • Database Design • Version Control • Web Servers
- API Design • CD/CD • Asynchronous Programming

**Languages:** JavaScript, PHP

**Web:** HTML, HTML5, Bootstrap, CSS, CSS3, Tailwind CSS, Vue.js, jQuery, AJAX, JSON, WordPress

**Web Services:** REST API

**Web/App Servers:** Apache

**Frameworks:** Laravel, Nuxt.js

**Databases:** MySQL, Oracle

**Design Patterns:** Singleton, Factory

**SDLC:** Waterfall

**Tools:** Visual Studio Code, IntelliJ, Eclipse, Jira Software, Trello, Oracle SQL Developer, SourceTree, GitHub

**Platforms:** Windows, MacOS

## PROFESSIONAL EXPERIENCE

**CAREER NOTE:** Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

### ERA REALTY NETWORK PTE. LTD, Singapore, Singapore • 12/2021 – 04/2024

A Real Estate Company.

#### Software Developer

Building Web Applications for agents.

- Developed robust front-end components using Vue.js and Nuxt.js and designed back-end APIs with Laravel, following DRY principles to enhance code maintainability and reduce future maintenance time, decreasing developer onboarding time by 25%.
- Deployed payment processing systems using PayPal and PayNow with secure transaction protocols and compliance measures, leading to a 35% improvement in payment processing efficiency.
- Integrated Medisave and Singpass Login APIs using JavaScript and PHP in Laravel, optimizing user authentication and government service access, which significantly boosted user trust and reduced manual processing times.
- Designed and implemented a personalized dashboard using Vue.js, SCSS, and MySQL, incorporating custom user settings and dynamic data visualizations to enhance user experience and satisfaction.
- Built a responsive web portal for the Sales+ mobile app with Bootstrap, Vue.js, and Oracle, enabling agents to manage transactions seamlessly on mobile, increasing mobile engagement and transaction efficiency.
- Conducted in-depth vulnerability assessments using Java and JSP, identifying critical security issues and automating patch deployments, significantly reducing potential threats and ensuring robust application security.

**Technologies Used:** JavaScript, Vue.js, Nuxt.js, PHP, Laravel, Oracle, MySQL, Bootstrap, SCSS, Ant Design.

### MOMENTA GROUP AND DINING BUTLER PTE. LTD, Singapore, Singapore • 02/2020 – 12/2021

Leadership and Software Company.

#### Software Developer

Developing web applications.

- Developed responsive web applications using Laravel, JavaScript, and Bootstrap, integrating third-party services such as Vimeo and Capillary APIs, achieving a 30% improvement in system efficiency and streamlined workflows.

- Performed comprehensive vulnerability assessments using PHP and JavaScript, identifying critical security flaws and automating security patch processes, which ensured adherence to industry standards and reduced system downtime by 15%.
- Engineered full project lifecycles in PHP, from requirement gathering to deployment, optimizing hosting on HostGator and HostSG servers for enhanced site performance and reliability.
- Created and optimized company websites using WordPress, HTML, and CSS, implementing custom features to improve functionality and user experience.
- Maintained and enhanced an existing F&B POS system with Laravel and Bootstrap, adding new features to boost functionality and user appeal, contributing to increased customer engagement.

**Technologies Used:** JavaScript, PHP, Laravel, HTML, CSS, Bootstrap, WordPress, Vimeo Services.

## **HOST MYANMAR SOFTWARE SOLUTIONS, Yangon, Myanmar • 10/2017 – 11/2019**

Software Solution.

### **Full Stack Web Developer**

Build websites and web applications.

- Designed and developed responsive web applications using RESTful APIs and structured, normalized database systems, achieving a 30% improvement in data retrieval speed. Delivered user-friendly interfaces that boosted customer engagement by 25% through intuitive design.
- Developed full project lifecycles from requirement gathering to deployment, implementing optimized deployment strategies on HostGator, which reduced downtime by 15% and ensured on-time milestone completion.
- Built customized WordPress websites with advanced features such as custom post types, fields, and plugins, enhancing site functionality by 40% and improving user experience.
- Authored detailed user manuals and provided on-site demos, streamlining user onboarding and eliminating repetitive support queries while effectively showcasing application capabilities.

**Technologies Used:** JavaScript, PHP, Laravel, HTML, CSS, Bootstrap, MySQL, WordPress

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## **ACADEMIC PROJECTS**

### **Maharishi International University (2024)**

- **LMS:** A system that a librarian can use to check out books for library members, and that an administrator can use to add new books to the collection, create new library members, and edit library member information. To access the system, a librarian or administrator must login. Administrators can add/edit member info and add books to the collection, but they are not allowed to check out books for a member. Librarians are allowed to check out books but not allowed to add/edit members or add books. Utilized Java, Maven, Spring Boot, UML.
- **MyFlix:** A web application that allows users to browse a list of movies, set their favorite movies, and view detailed movie pages upon logging in. Users can register and log in with data stored in local storage, ensuring a smooth experience. The backend is built with Express.js and MongoDB, while the frontend uses React with React Router for navigation and a React plugin for a visually engaging movie slider. Utilized React, Mongo DB, Express JS.
- **Squad Count:** A web application designed for seamless bill sharing among groups, automatically calculating who owes whom and the exact amounts. The backend is built with Spring Boot and uses Spring Security for secure login, with MySQL as the database. The React-based frontend incorporates Redux for state management and React Router for navigation. Utilized Java, Javascript, Spring Boot, Spring Security, Redux, React Router.

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## **EDUCATION**

### **Master of Science in Computer Science**

*(In progress via distance education; expected completion 12/2026)*

Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Big Data Technology, Web Application Architecture, Algorithms

### **Bachelor of Computer Science in Computer Science**

University of Computer Studies, Meiktila, Myanmar (09/2017)