

Seow Theng Feng

Software Engineer | University Graduate

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EXECUTIVE SUMMARY

Dedicated Software Engineering graduate with professional experience in **full-stack development** and **enterprise system modernization**. Currently leading the **functional re-engineering** of a legacy **Enterprise Accounting System** to a modern **C# .NET 8** architecture. Specialized in **black-box reverse engineering** to translate complex business logic into scalable, high-quality code without reliance on legacy source code. Proficient in **Next.js** and **.NET**, with practical experience in **Generative AI integration** using OpenAI APIs.

KEY SKILLS

C# & .NET 8 Architecture • **Legacy System Modernization** • Full-Stack Web Development • **Next.js & React** • RESTful API Design • Black-Box Reverse Engineering • **Generative AI Integration** • Vanilla PHP • Relational Database Design (MySQL) • System Fault Tolerance

PROFESSIONAL EXPERIENCE

Greenstem Business Software Sdn Bhd , Malaysia

Greenstem Business Software Sdn Bhd is a business software solutions provider specializing in enterprise accounting and management systems.

Software Engineer Intern

Jan 2026—July 2026

- Spearheading the functional modernization of a legacy Enterprise Accounting System, migrating core logic from a procedural VB6 codebase to a scalable C# .NET 8 architecture.
- Performing black-box reverse engineering on existing workflows to map out complex financial logic, achieving 100% functional parity without relying on legacy source code.
- Driving the end-to-end project lifecycle by independently translating business requirements into precise technical specifications, balancing both Business Analyst and Developer responsibilities.

Significant Achievements

- Established the foundational .NET 8 architecture and data models, significantly reducing future technical debt and paving the way for scalable enterprise feature expansions.

Web Developer (Intern)

Nov 2023—Feb 2024

- Developed and launched the official corporate website from scratch utilizing Vanilla PHP, ensuring lightweight performance and cross-browser compatibility.
- Collaborated closely with UI/UX designers to translate mockups into fully responsive web pages, optimizing the platform for SEO and user engagement.

TECHNICAL PROJECTS

Full-Stack CMS for Malaysia Weiqi (Go) Association(MWA) | *Next.js, C# .NET 8, REST API, JWT*

- **Leveraged domain expertise as the Society's Program Coordinator Team Leader** to architect a full-stack Content Management System (Next.js & .NET 8) that digitized association records and streamlined content publishing.
- **Designed** and implemented secure RESTful APIs with **JWT authentication** to balance robust data access control with administrative ease-of-use.

Generative AI Web Game | *Vanilla PHP, OpenAI API, Ajax*

- **Acted as Technical Lead** for a cross-functional student team, architecting the framework-less PHP backend for a Generative AI virtual pet simulation.
- **Spearheaded** the integration of OpenAI APIs to power dynamic, non-scripted NPC interactions, using advanced prompt engineering to maintain consistent character personas.
- **Engineered** a seamless Single-Page Application (SPA) experience by leveraging asynchronous JavaScript (AJAX) and direct DOM manipulation to dynamically update UI elements (e.g., real-time inventory and room customizations) without page reloads.
- **Mentored** team members (QA/BA) on technical implementation, conducting code reviews and ensuring the overall technical vision was successfully delivered.

EDUCATION

Bachelor of Software Engineering (Hons)

- TUNKU ABDUL RAHMAN UNIVERSITY OF MANAGEMENT AND TECHNOLOGY (TARUMT) • Malaysia • 2024-2026

Diploma in Computer Science

- TUNKU ABDUL RAHMAN UNIVERSITY OF MANAGEMENT AND TECHNOLOGY (TARUMT) • Malaysia • 2022-2024

Diploma in Patisserie

- CILANTRO CULINARY ACADEMY • Malaysia • 2017-2019

PREVIOUS CAREER

Professional Chef & Hospitality Specialist

DoubleTree by Hilton, Ultime Atelier & Others | 2019 — 2022

- Thrived in high-pressure, fast-paced culinary environments (including high-stakes Pre-Opening Teams), demonstrating extreme attention to detail, rigorous quality standard compliance, and robust cross-functional collaboration.

MISCELLANEOUS INFORMATION

Nationality: Malaysian

Languages: Fluent in English, Malay, Mandarin

Availability: October 2026