

Goh Shu Yi

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EDUCATION

Bachelor of Software Engineering (Dual Award)	Sunway University – Lancaster University
<i>September 2023 – September 2026</i>	
Foundation in Arts – CGPA: 3.98	Sunway College
<i>July 2022 – July 2023 (Graduated)</i>	

SKILLS

Programming languages: Java, Python, PHP, JavaScript
Frameworks and Technologies: HTML, CSS, React.js, Next.js, Tailwind CSS, Node.js, Express.js
Databases & Tools: SQL, PostgreSQL, Sequelize, Git, GitHub, Vercel
Software and Platforms: Microsoft Office, Figma, Canva, Visual Studio Code, IntelliJ, PHPStorm
Other Technical Skills: Software Design (UML, Flowcharts)

SELECTED PROJECTS

Pokémon Game (School Project)	2024
<ul style="list-style-type: none">Developed a text-based turn-based battle game inspired by Pokémon using JavaImplemented core OOP principles such as inheritance and encapsulationAdded Quick Time Events (QTE) for interactive gameplay	
Food Fox Website (School Project)	2024
<ul style="list-style-type: none">Developed a PHP-based website to support SDG 2 (Zero Hunger)Features include event registration, donation and rewards page, and an admin panel to manage the websiteEnabled email confirmations and restricted actions (e.g., registration, donation) to logged-in users	
Residents Management System (Ongoing)	2025
<ul style="list-style-type: none">Developed a full-stack web application for tracking tenant payments and generating reportsDeveloped using Express.js and Next.js, with deployment on VercelIntegrated Sequelize ORM with PostgreSQL for reliable and scalable data managementImplemented secure user access with JWT-based authentication and session handling	

EXTRACURRICULAR

IBM TechXchange Hackathon 2025	2025
<ul style="list-style-type: none">Collaborated with a team of 4 to build an AI-powered legal analysis to simplify compliance.This tool transforms complex documents into plain English, assesses risks, and checks against regulations like GDPR & PDPA.Built with FastAPI, React, and IBM WatsonX.	