

Goh Shu Yi

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Software engineering student seeking an internship to gain hands-on experience and contribute to real-world projects. Additional details and project showcases are available on my personal website (link above).

EDUCATION

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

RELEVANT PROJECTS (UNDERGRADUATE PROJECTS)

Food Fox Website (Degree Project)	2024
<ul style="list-style-type: none">Developed a PHP-based website aligned with SDG 2 (Zero Hunger)Implemented features like event registration, donation system, and admin panelEnabled user authentication and email confirmations to ensure secure access	
Pokémon Game (Degree Project)	2024
<ul style="list-style-type: none">Created a Java-based turn-based battle game inspired by Pokémon using OOP principlesAdded Quick Time Events (QTE) for interactive gameplay mechanicsLed a team of 4 with clear task delegation and version control via GitHub	

ADDITIONAL PROJECTS AND HACKATHONS

IBM TechXchange Hackathon 2025	2025
<ul style="list-style-type: none">Built an AI-powered legal analysis tool to simplify compliance using FastAPI, React, and IBM WatsonXTranslated complex legal content into plain English and flagged risks under GDPR/PDPACollaborated in a team of 4, overcoming API issues and presenting under tight deadlines	
Residents Management System (Ongoing)	2025
<ul style="list-style-type: none">Developed a full-stack web app to track tenant payments and generate reports (Next.js, Express.js)Integrated Sequelize ORM with PostgreSQL for efficient data handlingImplemented secure JWT-based authentication and role-based accessTackled real-world user flow issues through testing, debugging, and critical thinking	

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)