

# Goh Shu Yi

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<https://github.com/sygoh0909>

## EDUCATION

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

## SKILLS

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

## SELECTED PROJECTS

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

## ACTIVITIES AND INVOLVEMENT

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