

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 – CGPA: 3.71

September 2023 – September 2026

Sunway University, Malaysia – Lancaster University, UK

Foundation in Arts – CGPA: 3.98

July 2022 – July 2023 (Graduated)

Sunway College, Malaysia

RELEVANT PROJECTS

Residents Management System

April 2025 - Present

Next.js, Express.js, PostgreSQL

- Developed a full-stack web app to track tenant payments and generate reports
- Integrated Sequelize ORM with PostgreSQL for efficient data handling
- Implemented secure JWT-based authentication and role-based access
- Enhanced UX through testing, iterative debugging, and feedback loops

IBM TechXchange Hackathon 2025

July 2025

Python, FastAPI, React.js, TypeScript, IBM WatsonX

- Built an AI-powered legal analysis tool to simplify GDPR/PDPA compliance
- Translated complex legal content into plain English and flagged potential compliance risks
- Collaborated in a team of 4, overcoming API issues and presenting under tight deadlines

Pokémon Game (Degree Project)

August 2024

Java, PokéAPI

- Created a turn-based battle game using OOP principles and API data retrieval
- Integrated PokéAPI to dynamically display Pokémon data.
- Led a team of 4, delegating tasks and managing GitHub version control

SKILLS

- **Programming:** Java, Python, PHP, JavaScript, TypeScript
- **Web Development:** HTML, CSS, React.js, Next.js, Tailwind CSS, Node.js, Express.js
- **Databases:** SQL, PostgreSQL, Sequelize ORM, Relational Database Design
- **Tools:** Git/GitHub, Vercel, Postman, UML Diagrams, Figma, IntelliJ IDEA, VS Code
- **Concepts:** OOP, REST APIs, Agile, SDLC

AWARDS AND ACTIVITIES

- Dean's List Award - Bachelor of Software Engineering (April 2024 & February 2025 Semester)
- Jeffrey Cheah ACE Scholarship - Foundation in Arts (2023)
- Active in Sunway Music Society, managing PR for campus-wide events