Lin AoFan

📞 **+65 9898 0058**

✉️ **AOFAN.22@ichat.sp.edu.sg**

🌐 **https://gunonegun.github.io/e_Portfolio/html**

I am an Information Technology student with expertise in software development, database management, and cybersecurity. My coursework has honed my problem-solving skills, providing a strong foundation in IT. Passionate about leveraging technology for real-world impact, I am proactive and resourceful in addressing complex challenges.

Skills

Programming
- Java
- JavaScript

Object-oriented programming

Web development

Software Development

Mathematics

Projects

Enterprise Systems Development (2023)

- Enhanced web application security, deployed on AWS, and optimized performance through effective database configuration, Lambda function implementation, and API Gateway integration.

J2EE Application Development (2023)

- Developed a robust web application in Java with MVC architecture, incorporating user registration, login, book purchase functionalities, and administrator controls, while also creating an API endpoint for resellers to manage book information and quantities.

Software Engineering Practice (2023)

- Collaborated as a team member in a Scrum project, contributing to user requirement gathering, documentation, and following Scrum framework to enhance the IslandFurniture customer web portal's functionalities.

Sustainable Innovation Project (2023)

- Collaboratively contributed to a Sustainable and Innovative Project, addressing parental empowerment for children's health by proposing a wireframed website with features like nutritional information and a Calorie Competition.

Front-end Web Development (2022)

- Developed a responsive personal portfolio website using HTML, CSS, JavaScript, and Bootstrap, showcasing technical skills, achievements, and educational journey while demonstrating proficiency in web development and design principles.

Back-end Web Development (2022)

- Developed a web application using HTML, Bootstrap, Axios, and Node.js with a MySQL database backend to search and display data.

JavaScript Programming (2022)

- Developed a Membership Loyalty Program in JavaScript using Visual Studio Code, featuring a user-friendly command-line interface for member registration, password validation, points calculation, and dynamic membership upgrades to earn and track points based on purchases.

Java Programming (2022)

- Designed and implemented a Comic Rental System using Java and NetBeans, featuring efficient book and user information retrieval from text files, intuitive user interfaces with JForm and JOptionPane, search functionality by ISBN, comprehensive book listings, and user rental tracking

AWS Academy WordPress Deployment (2022)

- Provisioned AWS Academy Ubuntu 16.04 VM for WordPress hosting.
- Configured, secured, and managed Apache, PHP, MySQL, and WordPress for a reliable and secure website deployment.

Education

Singapore Polytechnic (2022-04 - Current)

- Diploma in Information Technology (April 2025)

Gan Eng Seng School (2018-01 - 2021-09)

- 7 Singapore-Cambridge GCE O-Level Passes

Achievements

- **National Youth Achievement Award - Silver Medal (2021)**
- **Young Engineer Award (STEM INC) (2019)**
- **Certification of Distinction in SYF Arts Presentation for Band (Concert) (2019)**
- **ABRSM Level 1 Award in Graded Examination in Music Performance (Grade 5 piano) (2019)**
- **ABRSM Level 2 Award in Graded Examination in Music Performance (Grade 2 piano) (2018)**

Work History

Part-Time Tea Barista (KOI Thé)

- Maintained and operated induction cooker, juicer, tea barrel, teapots, and other equipment.
- Demonstrated strong communication and teamwork skills by collaborating with colleagues during busy shifts.