Chan Jia Hong

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A Driven Software Engineer interested in web and mobile development, I am well versed in Node.js, Laravel, Vue.js, and PHP, HTML, CSS, jQuery, JavaScript. I strive to create meaningful applications that deliver the best user experience possible, as shown by actively participating in the Web Technologies Trade for WorldSkills Singapore 2025. Looking forward to using my technical expertise to drive innovations in the software industry.

Relevant Skills

Programming Languages: Python, JavaScript, Dart, PHP, C#.

Web Development: HTML/CSS, JavaScript, jQuery, PHP, Laravel, Vue.js, Node.js, Express.js, ASP.NET, Bootstrap, Microsoft SQL, MySQL.

Mobile Development: Flutter/Dart.

Tools: Git, GitHub, VS code, Adobe XD.

Others: Web Security, RPA, Selenium testing.

Soft Skills: Problem solving, Teamwork, Communication.

Relevant Projects

Flutter Fitness Application: Developed a mobile application that is easy to navigate and includes a detailed collection of workouts. Users can create customized workout calendars by adding routines to their favourite's list. I have also integrated BMI computation with projection based on the user's entered height and weight, which enhances overall fitness tracking within the app.

Interactive Hotel Website (HTML, CSS, jQuery, PHP, phpMyAdmin): Constructed a modern-looking website that enables guests to view various rooms, make and manage reservations, and edit their account information. The front end was built using HTML, CSS, and jQuery while the back-end operations were done using PHP and phpMyAdmin for database management.

Zombie Snake Game (C#): Developed a Snake game with a zombie theme where players score points by "devouring" humans within a time limit. Added a leaderboard feature that saves and showcases high scores while illustrating my skills in Object Oriented Programming with C#.

Achievements

WorldSkills Singapore 2025
Web Technologies Trade
Medallion of Excellence

Director List
2023/2024 Semester 1 & 2
2024/2025 Semester 2

Edusave Award for Academic Achievement   **Edusave Scholarship Award**
Edusave Good Progress Award

Education

Nanyang Polytechnic

2023 - present

Diploma in Infocomm & Media Engineering (GPA: 3.69/4.00)

- Programming Coursework: Web and Mobile Development, Robotics Process Automation, Selenium testing, Software Engineering Practices, Arduino, UIUX, Database, Object Oriented Programming.
- Edusave Award for Academic Achievement 2024.

Serangoon Garden Secondary School

2018 – 2022

- GCE O levels and N levels.
- Edusave Scholarship Award 2022.
- Edusave Good Progress Award 2020.