

Soo Jia Sheng

Computer Science graduate with strong full-stack development skills, hands-on experience in AR/VR and computer vision, and a proven ability to build impactful tech solutions. Passionate about leveraging technology for real-world problem solving. Skilled in full-stack development, content management, and user focused design. Strong problem-solving mindset and passionate about applying technology to build innovative and impactful solutions.

Computer Science Graduate | Full-Stack Developer | Web & XR Enthusiast

Intern Experience

Web Designer, SL Software Solutions Sdn Bhd

Oct 2023 - Jan 2024

- Developed and maintained 5+ WordPress sites.
- Optimized site performance using caching, lazy loading, and image compression, increasing site speed by 15%
- Applied SEO strategies and managed blog content to improve web visibility that improved site traffic by 10%.

Educational Background

Bachelor of Computer Science

Universiti Tunku Abdul Rahman (UTAR), Malaysia

Jun 2022 - Jun 2025

CGPA: 3.22 / 4.0

- Relevant Coursework: Web Development, Software Engineering, Database Systems

Selected Projects

FYP - FocusGuard: Real-Time Focus Monitoring System

[GitHub](#)

- Web app that built with **Python, Flask, OpenCV & MediaPipe**
- Developed a behavioral monitoring system with Pomodoro timer and gamified features.
- Achieved 98.5% accuracy in drowsiness detection and 93.8% in yawn detection.
- Integrated analytics dashboard to visualize student focus levels.

Movie Review and Feedback Web App

[GitHub](#)

- Built full-stack system with **PHP, MySQL**, and **XAMPP** using 3-tier architecture.
- Implemented user login, feedback modules, and comprehensive CRUD functionality.

Website for Pet Management

Built with **HTML5, CSS3, JavaScript, jQuery**, and **Bootstrap**.

- Implemented user authentication, interactive dashboard, and full CRUD operations for pets and health records.
- Utilized local storage, session storage, and cookies for client-side data handling and user session management.

Hospital Management System

[GitHub](#)

- Developed a Java-based desktop application with a modern Swing GUI to manage hospital operations.
- Implemented modules for doctor and patient management, medicine inventory, lab reports, facilities, and staff records.

Contact

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Skills

Technical Skills

- **Languages:** Python, C++, Java, PHP, SQL
- **Web Technologies:** HTML5, CSS3, JavaScript, Bootstrap, WordPress, Flask
- **Tools & Platforms:** Git, XAMPP, Unity, OpenCV, MediaPipe, Linux (Ubuntu), Windows

Languages

- English (Fluent)
- Malay (Fluent)
- Mandarin (Proficient)

Certification/Short Courses

- RHB Get Your Hack On, RHB Bank Berhad (2023)
- Malaysian University English Test (MUET) (2023)