

YANG XIAN WEI SHAWN

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Singaporean Citizen

An Information Communication Technology undergraduate proficient in problem-solving, Python, OOP, data analysis, visualisation, SQL, Linux Shell Scripting, Machine Learning, Web App Development, and SAP ERP. Certified in AI Literacy, AWS Solutions Architect and Cloud Practitioner with strong competency in cloud architecture.

WORK EXPERIENCE

Ministry Of Defence (MINDEF) - Singapore

Dec 2020 - Feb 2021

Data Administrator

- Responsible for digitising physical documents into digital format.
- Processed and organised digital documents in a cloud-based document depository.
- Ensured accuracy and quality of digital files through thorough review and verification.

Ministry Of Education (MOE) - Singapore

Mar 2018 - Sep 2018

Temporary Assistant

- Conducted Quality Assurance Testing for the Parents Gateway teachers web portal and parents mobile app.
- Developed comprehensive excel sheets to document and test User Stories, capturing numerous use cases.
- Performed testing of use cases on the teacher web portal and parents mobile app, documenting the outcomes as pass or fail.

Ministry Of Education (MOE) - Singapore

Jul 2017 - Feb 2018

Internship

- Identified & eliminated UI/UX bugs in Parents Gateway App alpha versions through comprehensive testing and user feedback.
- Conceptualised Bus Uncle, a cross-platform mobile app by utilising Design Thinking principles for efficient ideation.
- Implemented React Native knowledge to develop Bus Uncle, a cross-platform mobile app, bridging the gap between parents and students on transportation safety.

EDUCATION

Singapore University of Social Sciences - Singapore

Jan 2022 - Oct 2025 (Expected)

Undergraduate in Information Communication Technology (ICT)

- Member Of SUSS Artificial Intelligence Interest Group
- Member Of SUSS Outdoor Adventure Interest Group

Temasek Polytechnic - Singapore

Apr 2015 - May 2018

Diploma in Information Technology

ORGANISATIONAL EXPERIENCE

ASEAN Youth Challenge Summit 2023 - Singapore

Aug 2023

First Runner-Up

- First-runner up in the ASEAN Youth Challenge Summit 2023, a regional hackathon for ASEAN youths in Southeast Asia.

Advisory Singapore - Singapore

Jul 2022 - Oct 2022

Apprentice

- Participated in the Advisory Mentorship Programme, engaging in one-to-one mentorship with an industry professional to receive educational and career guidance.

CERTIFICATIONS

- **AWS Certified Solutions Architect** (2023): Achieved AWS Certified Solutions Architect Certification.
- **AWS Certified Cloud Practitioner** (2023): Achieved AWS Certified Cloud Practitioner Certification.
- **AI For Industry - Literacy In AI** (2023): Achieved Literacy In AI Certification.

SKILLS

- **Technical Competencies:** Problem-Solving, Computer Networking, Object-Oriented Programming, Web App Development, Data Analysis, Data Visualisation, Machine Learning, Cloud Computing, Cloud Architecting, SAP ERP System, Database Management.
- **Programming Languages:** Python, HTML, CSS, JavaScript, SQL, Linux Bash Script.