

# YANG XIAN WEI SHAWN

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Singaporean Citizen

An Information Communication Technology undergraduate proficient in problem-solving, Python, OOP, data analysis, visualization, SQL, Linux Shell Scripting, Machine Learning, Web App Development, and SAP ERP. Certified in AWS Cloud Practitioner and Solutions Architect 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 parent's 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.

### NCS Group - Singapore

Apr 2024 - Aug 2024

#### Internship

- Created intranet websites for various teams using Microsoft SharePoint, learning how to edit and publish pages while utilizing SharePoint's diverse features.
- Documented website creation in SharePoint in an SOP document.
- Maintained an Excel spreadsheet to track on-site contractor passes, ensuring validity and updating expiration dates.
- Developed a gift redemption system using Microsoft Excel, Power Query, VBA, and Forms to track participant points and prizes based on quiz scores and talk attendance

## EDUCATION

### Singapore University of Social Sciences - Singapore

Jan 2021 - Oct 2025 (Expected)

#### Undergraduate in Information Communication Technology (ICT)

### 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.