

Jan Owyeong Guo Yong

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EXPERIENCE

Engineer – ST Engineering Mission Software & Services Pte. Ltd., Singapore

June 2022 – Present

- Proactively maintain and support legacy software applications, ensuring unwavering stability and optimal functionality aligned with user requirements.
- Successfully addressed user-reported bugs and implemented requested features in Java J2EE applications, leading to a notable 20% increase in user engagement and satisfaction.
- Collaborated closely with cross-functional teams to conduct thorough testing and quality assurance of implemented features, ensuring a high level of accuracy and reliability with a bug fix rate of less than 5%.
- Meticulously documenting all software changes, updates, and bug fixes with detailed records to facilitate knowledge transfer and future troubleshooting, resulting in a 25% increase in overall operational efficiency.

Tech Lead – Snapee Pte Ltd, Singapore

Jan 2019 – Feb 2021

- Developed a Python-powered Telegram bot for 4000 users, introducing seamless point tracking and voucher management, saving users thirty minutes to an hour by eliminating the need for in-person reward collection.
- Engineered a feature to streamline communication in the Telegram bot, by broadcasting event info, daily tasks, and deals, eliminating the need for individual messages by administrators and optimising operational efficiency by 30%.
- Led technical oversight of the Telegram bot, ensuring a seamless user experience by promptly addressing issues and proactively driving continuous performance enhancements for a 10% increase in customer satisfaction.
- Constructed a Vue.js and Node.js-based restaurant recommendation web app, boosting user satisfaction by 15% through geolocation-driven suggestions and improved dietary preference matching.

PROJECTS

Sound_Mode | Dart

Initiated and led the development of an open-source Flutter plugin, enabling users to toggle different ringer modes on Android smartphone devices. The plugin also facilitates the retrieval of the current ringer mode on both Android and iOS smartphone devices.

Battery Tracker Server | Python

A server solution to prevent overcharging of unattended electronic devices. The server employs regular polling, displaying real-time battery levels in a GUI desktop console. The server notifies users to unplug devices when the battery reaches a specified threshold, promoting optimal charging practices and extending device lifespan.

Android Battery Tracker | Flutter

An Android app that complements Battery Tracker Server by regularly sending the device's battery level to the server. Enhances real-time tracking for optimal charging practices.

SKILLS

Programming Languages: Java | Python | JavaScript | Dart

Frameworks: Vue.js | Spring | Struts | Nuxt.js | Android | PySide | Flutter

Databases: MySQL | MongoDB

Tools & Environments: Git | GitHub | Node.js | AWS | VMWare | IBM WebSphere Message Broker

CERTIFICATION

AWS Certified Cloud Practitioner (CLF) | *Amazon Web Services (AWS)*

Issued Sep 2023

Expires: Sep 2026

AWS Certified DevOps Engineer - Professional (DOP) | *Amazon Web Services (AWS)*

Issued Feb 2023

Expires: Feb 2026

EDUCATION

Nanyang Technological University, Singapore

Aug 2018 - May 2022

- Bachelor of Engineering (Computer Science)

Ngee Ann Polytechnic, Singapore

Apr 2013 - May 2016

- Diploma in Electronic and Computer Engineering
- Specialization: Network Systems & Security