

Jan Owyeong Guo Yong

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EXPERIENCE

Engineer – ST Engineering Mission Software & Services Pte. Ltd., Singapore June 2022 – Present

- Perform ongoing maintenance and support for legacy software applications, ensuring their stability and functionality in accordance with user requirements.
- Resolved user-reported bugs in Java applications, ensuring accurate system behaviour, meeting expectations, and enhancing overall software performance by modifying code based on user feedback to implement requested features and address logic-related issues.
- Collaborate closely with end-users to gather and analyse requirements for new features and address user-reported problems, working seamlessly with teams to implement requested features in Java applications and aligning with user needs.
- Document all software changes, updates, and bug fixes, maintaining detailed records to facilitate knowledge transfer and future troubleshooting.

Tech Lead – Snapee Pte Ltd, Singapore Jan 2019 – Feb 2021

- Engineered a Python-powered Telegram bot to facilitate seamless receipt, management, and redemption of rewards, such as vouchers, for a user base of 4000. This optimized process eliminates the necessity for in-person reward collection, resulting in time savings of thirty minutes to an hour for users.
- Engineered a gamified point system within the Telegram bot, empowering users to earn points through daily tasks and seamlessly convert their accumulated points into retail outlet vouchers and various rewards.
- Oversaw the technical aspects of the Telegram bot, promptly addressing network and technical issues to ensure a seamless user experience. Proactively identified and resolved challenges, contributing to a high level of customer satisfaction and continuous improvement of the bot's performance.
- Developed a feature-rich restaurant recommendation web application using Vue.js, leveraging geolocation data and user dietary preferences. Delivered personalized recommendations based on user preferences and location to enhance the overall dining experience.

PROJECTS

Sound_Mode

Initiated and led the development of an open-source Flutter plugin written in Java, 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.

- **Technology/Tools Used:** Dart, Java, Android APIs, iOS APIs
- **Link:** [GitHub Repository](#)

SKILLS

Programming Languages: Java, Python, JavaScript

Frameworks: Vue.js, Spring, Struts, Nuxt.js, Android

Database Management: MySQL, MongoDB

Development 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