

# Jan Owyong Guo Yong

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## EXPERIENCE

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|---|----------------------------|
| <b>Engineer – ST Engineering Mission Software &amp; Services Pte. Ltd., Singapore</b>   | <b>June 2022 – Present</b> |
| <ul style="list-style-type: none"><li>• Perform ongoing maintenance and support for legacy software applications, ensuring their stability and functionality in accordance with user requirements.</li><li>• 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.</li><li>• 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.</li><li>• Document all software changes, updates, and bug fixes, maintaining detailed records to facilitate knowledge transfer and future troubleshooting.</li></ul>   |                            |
| <b>Tech Lead – Snapee Pte Ltd, Singapore</b>  | <b>Jan 2019 – Feb 2021</b> |
| <ul style="list-style-type: none"><li>• Revolutionized reward redemption with a Telegram bot, allowing 4000+ users to efficiently manage and redeem rewards, eliminating in-person reward collection and saving 30 minutes to an hour in the process.</li><li>• 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.</li><li>• 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.</li><li>• Developed a feature-rich restaurant recommendation web application that leverages geolocation data and user dietary preferences, delivering personalized recommendations based on user preferences and location to enhance the overall dining experience.</li></ul> |                            |

## 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