

Soo Jing Xuan

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Work Experience

Full Stack Software Engineer (Intern), uParcel

JAN 2023 – DEC 2023

- Collaborated closely with fellow developers to build an upcoming e-commerce platform, utilizing the Agile methodology. Employing React and Django in the development process. Designed and implemented custom permission-based security policies focused on ensuring data confidentiality while accommodating diverse administrative users within the system.
- Assisted in constructing RESTful APIs and participated in developing dynamic content that can be easily edited through the admin panel. Streamlined content editing process that eliminated the necessity of code deployment for updates, thus minimizing system downtime.
- Contributed to maintaining, debugging, and developing new features for an existing application. Actively engaged in efforts to refactor and optimize code, enhancing overall system stability.
- Led the development of role-based policies for sub-users, aligning with user preferences and expanding the system's market appeal, which resulted in an increased user base.

Android Developer (Intern), Centre for Immersification

APR 2022 – JUL 2022

- Played a key role in the development of CRMA (Commuting Routing Mobile Application), designed to analyse the routing preferences of commuters in Singapore, providing LTA planners with valuable insights.
- Collaborated closely with fellow developers to refactor the codebase into MVVM architecture, greatly improving code maintainability. Thoroughly documented the codebase to facilitate simplify maintenance for future developers.
- Optimized system performance by consolidating features into a single layer within Mapbox, significantly reducing latency, enhancing overall app usability, and successfully decreasing application memory consumption from 1GB to a more efficient 100MB.

Education

Singapore Institute of Technology (SIT)

AUG 2020 – PRESENT

- Expected Year of Graduation: 2024
- Major: B. Eng (Hons) in Software Engineering
- Coursework: Object-Oriented Programming, Data Structures & Algorithms, Information Management, Software Architecture, Mobile Application Development, Software Management

Skills & Interests

Skills

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|------------------------|-----------------------|
| • Python (Django) | • Kotlin |
| • JavaScript (ReactJS) | • Git |
| • SQL (PostgreSQL) | • Docker Fundamentals |
| • NoSQL (Firestore) | • Selenium |

Interests

- Enthusiastically derive satisfaction from the creation of high-quality code.
- Actively expanding knowledge in Spring Boot framework through ongoing learning initiatives.

Certification

- Professional Scrum Master 1
- AWS Partner: Accreditation (Technical)