Soo Jing Xuan

Singapore | +65 96180840 | su_jingxuan@hotmail.com | https://sg.linkedin.com/in/soojingxuan

Work Experience

Software Engineer, NCS   JUL 2024 – PRESENT

- **Sybase-to-MSSQL Migration:** Modified Sybase SQL queries to ensure MSSQL compatibility. Upgraded project dependencies based on documentation and implemented necessary code changes. Converted Crystal Reports to Jasper Reports using Jaspersoft Studio.
- Attended NUS-ISS courses to deepen my knowledge in Agile practices, Software Analysis & Design, Design Patterns and DevSecOps.

Software Engineer (Intern), uParcel   JAN 2023 – DEC 2023

- **E-commerce Platform**: Collaborated with developers to build an e-commerce platform using React and Django, adhering to Agile methodology. Designed custom-based access control to ensure data confidentiality and support diverse administrative users. Developed RESTful APIs and streamlined webpage banner and promotion updates, reducing system downtime by eliminating the need for code deployment.
- **Routing Platform:** Contributed to maintenance, debugging and refactoring code to enhance system stability. Designed role-based access control to ensure each role has access only to authorized resources while restricting unauthorized access.

Android Developer (Part Time), Centre for Immersification   APR 2022 – JUL 2022

- **Commuter Routing Mobile App**: Focused on frontend development by implementing RecyclerView to display past routes and enabling users to select route preferences. Refactored the codebase to MVVM architecture, improving code maintainability and ensuring a clear separation of concerns by removing business logic from the view layer. Documented the codebase for easier maintenance.
- Optimized system performance by consolidating features into a single layer within Map box, 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 – JAN 2024

- **Major:** B. Eng (Hons) in Software Engineering
- **Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Database Management System, Software Architecture, Design Patterns, Mobile Application Development, Web Development, Software Management

Skills/Technologies

- **Languages:** Python, Java, Kotlin, JavaScript, TypeScript, HTML 5
- **Frameworks/Libraries:** Django, ReactJS, Spring, Spring Boot, Jetpack Compose, Tailwind CSS
- **Databases:** Postgres SQL, Microsoft SQL, Firebase Firestore, Supabase
- **Tools & Platforms:** Docker, Jenkins, AWS, Jaspersoft Studio
- **Version Control Tool/Platforms:** Git, GitHub, GitLab
- **CI/CD:** Jenkins, GitHub Actions.

Certification

- Professional Scrum Master 1
- Professional Scrum Developer 1
- Gov Tech – ICT Assessment Certification for Software Developer