

WORK EXPERIENCE

Bank Of Singapore (2021 – Current) **Backend Engineer (Legacy system)**

- Fixed bugs using MS SQL, involving learning SQL and MyBatis to effectively troubleshoot and resolve issues.
- Pioneered the use of Java microservice with JPA, improving the efficiency and reliability of the system.

Backend Engineer (New system)

- Created 5 microservices with a team of 2, playing a key role in the development and implementation of a system used by multiple downstream and critical components.

Automated Performance Testing

- Developed an organization wide automated performance testing process for microservices, utilizing Jenkins, Cucumber, and Apache Bench to streamline testing and enhance overall system performance.
- Documented the process, which has since been adopted by other teams within the bank.

SKILLS

Programming Languages: Java, JavaScript, Python, C#, SQL

Frameworks: Spring Boot, ReactJS, .NET Core, Svelte, Streamlit, Flask

Certificates: 2nd Runner up in AWS Cloud Experience business case challenge, Professional Scrum Master 1(In-progress), Certified Cloud Practitioner(In-progress)

Services/ Tools: AWS, GCP, Linux, MS SQL, Apache Bench, Jenkins, CloudBees

Languages: English, Chinese

PERSONAL PROJECT

React Game

- Developed a React game from scratch, utilizing Vercel for hosting and GitHub Actions for continuous integration and deployment.
- Utilized Supabase for database management, ensuring efficient and reliable storage of game data.
- Developed a leaderboard feature that updates in real-time allowing players to compete and track their progress against others.

EDUCATION

Nanyang Technological University

Bachelor of Engineering (School of Computer Science and Engineering) (2018-2021)