

# JASON CHEW JIA WANG

Aspiring Software Engineer – Final Year Student at Singapore Management University

## WORK EXPERIENCE

### Full-stack Developer

**Rakuten Viki** (May 2022 – August 2022)

Singapore

- Spearheaded the development of customised Datadog Application Performance Monitoring (APM) traces on Viki's key services for in-depth analysis and performance monitoring
- Delivered knowledge sharing and transfer sessions to multiple departments on the implementation of APM traces
- Transformed and enhanced Viki's libraries with a 30% higher efficiency in its usage

### Platform Solutions / Software Engineer

**OCBC Bank** (May 2021– November 2021)

Singapore

- Created multiple Springboot endpoints for the new and improved FRANK digital bank application
- Developed and tested multiple micro-frontends that sped up frontend development efficiency by 50% for all departments
- Involved in the full cycle of the project phase, from scoping of the project, gathering requirements, design, coding & implementation, UAT/Unit Testing and documentation

### Web Software Developer

**WEDBIO** (December 2020 – January 2021)

Indonesia

- Developed frontend web components with animations for the launch of their new website
- Assisted in the development of backend API services and deployment

## PROJECTS

- **Oil-Dashboard:**  
(Tech Stack: React / ChartJS / Springboot / MongoDB)  
Analytical dashboard with scraped oil data of China and Taiwan
- **Embrace:**  
(Tech Stack: React / MUI / Firebase)  
Responsive website to promote period normality in India through period cycle and subscription packages
- **FreeBirds:**  
(Tech Stack: React / MUI / MongoDB / Express / NodeJS / GraphQL)  
Microblogging and social networking service for users to post and interact with each other through likes and comments
- **EastCoastPlan:**  
(Tech Stack: React / MUI / Python / Flask / Docker / MySQL / Stripe)  
Public Facility Booking Application that acts as a centralized platform view public facilities, make bookings and pay efficiently.
- **AlterTail:**  
(Tech Stack: BootstrapJS / VueJS / PHP / Stripe / MySQL)  
A C2C / B2C online alteration and tailoring services website for all users to sell or purchase such services.

## CONTACT

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## EDUCATION

Bachelor of Science

(Information Systems)

Major in Digitalisation Cloud

Solutioning & Business Analytics

**Singapore Management University**

- Attained cGPA of 3.53/4.00
- Distinctions in Web Application & Python programming

August 2019 – April 2023

## CERTIFICATIONS & ACHIEVEMENTS

- **BTA Certified Blockchain Solution Architect**
- **AWS Certified Cloud Practitioner**
- **AWS Solution Architect - Associate**
- **Oracle Certified Foundations Associate**
- **1<sup>st</sup> Place** in GIC #CodeToImpact Hackathon
- **Organized** Citi-SMU FinLit Challenge 2020

## SKILLS

- Languages

Java • Python • JavaScript • HTML • CSS / SCSS • SQL/NoSQL

- Libraries, Framework, and Tools

SpringBoot • BootstrapJS • Material-UI • ReactJS • Heroku / Netlify • Docker • Kubernetes • Apollo GraphQL • RESTful APIs • Flask • Numpy • Pandas • Github • AWS • MongoDB • Firebase