Jun Wei Jayden Ng

Full Stack Software Engineer

Passionate in building useful apps that benefit people. Check out some of my projects at jayden-whizz.com

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📍 Singapore

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○ github.com/junwei2110

SKILLS

React Typescript

Module Federation

HTML CSS

Javascript Redux

Jest Cypress

Pact Java

Springboot Batch

API Integration

RDBMS Kafka

Containerization

PCF Git Jenkins

CICD TDD

AWS Cloud NextJS

React Native

LANGUAGES

English
Native or Bilingual Proficiency

Mandarin
Professional Working Proficiency

WORK EXPERIENCE

Software Engineer
Development Bank of Singapore (DBS)

05/2022 - Present
Achievements/Tasks

- Designed and implemented Micro-Frontend Architecture for the Crypto and Equities Trading React web app. Executed features including Module Federation, Analytics Tagging, Error Handling, Backend API integration, Real-time streaming, Design library integration, lazy loading and optimization
- Implemented web APIs for Equities Trading using Springboot; Implemented documentation read write operations using spring batch; Implemented step-by-step workflow operations using camunda; Perform container configuration, deployment and testing in dev to UAT env
- Perform Test-Driven Development using Jest, Pact and Cypress for FE and Junit and Karate for BE. Build up good code coverage and security using Sonarqube and nexus scans
- Communicate and work together in large multifunctional teams using collaboration tools like git, jira and confluence with AGILE practices

Software/Data Engineer
National Computer Systems

12/2021 - 05/2022
Achievements/Tasks

- Developed pipelines migrating financial data from sources such as CSVs, SalesForce & Relational Databases into the Hadoop ecosystem via a combination of scripting languages including Shell, Python and SQL
- Engaged client on their intricate financial equations and performed complex joins and SQL queries to formulate the target table view within Hive and Impala

Data Analytics Consultant
PricewaterhouseCoopers Singapore

04/2021 - 11/2021
Achievements/Tasks

- Performed data extraction, cleaning and transformation using Alteryx into AWS S3 and developed dashboards using Tableau and Power BI

Lead Process Engineer
ExxonMobil

07/2017 - 04/2021
Achievements/Tasks

- Led a 6-man team as the Technical Lead Engineer; Effective management of team enabled the timely completion of the technical worklist with strict quality control and strong adherence to site safety standards, translating to 0 safety incidents

CERTIFICATES

AWS Certified Developer – Associate (02/2023 - 02/2026)

EDUCATION

Bachelor of Engineering with Honours
National University of Singapore (NUS)

08/2014 - 07/2017   *GPA: 4.62 out of 5*