

# Jun Wei NG

Software Engineer



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Singapore



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## SKILLS

Problem Solving

Project Management

Leadership

React

React Native

Jest

TypeScript

Cypress

Module Federation

AWS Cloud

JavaScript

HTML

Plotly Dash

CSS

Git

Shell

SQL

Hadoop

Hive

Impala

Data Structures

Algorithms

## LANGUAGES

English

Native or Bilingual Proficiency

Mandarin

Professional Working Proficiency

## WORK EXPERIENCE

### Frontend Software Engineer

Development Bank of Singapore (DBS)

05/2022 - Present

*Achievements/Tasks*

- Implemented Micro-Frontend Architecture for the Crypto and Equities Trading Application using Module Federation
- Developed multiple features such as Micro-Frontend Routing, Analytics Tagging, Error Boundary Scenarios, User Authentication Timeout, Cypress Automation testing and Jest Unit testing
- Demonstrated critical problem solving ability when dealing with bugs such as "flashing" loading screens, hosting multiple micro-frontends with different base paths in a single parent container, and React state updates clashes

### Software/Data Engineer

National Computer Systems

12/2021 - 05/2022

*Achievements/Tasks*

- Developed pipelines migrating financial data from sources such as Salesforce & SQL Databases into the Hadoop ecosystem via a combination of Shell, Python and SQL languages
- Engaged client on their intricate financial equations and performed complex joins and SQL queries to formulate the target table view within the Hive metastore
- Automated the counterparty information creation/update process using Power Automate that reduced manual hours by up to 100 hours per month

### Data Analytics Consultant (Non-Software Related)

PricewaterhouseCoopers Singapore

04/2021 - 11/2021

### Lead Process Engineer (Non-Software Related)

ExxonMobil / Singapore Chemical Plant

07/2017 - 04/2021

## CERTIFICATES

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

## SOFTWARE PROJECTS

React Native App - LoveNest (05/2022 - Present)

- Developed a full-stack React Native application for couples to share their timetable, chat, plan dates and share their pictures. Utilized TypeScript and React for the Front-End interface, and Back4App for the backend. Features include photo sharing, timetable scheduling, push notifications, deeplinking, etc

Web Dashboard for Simplified Stocks Analysis (06/2021 - 08/2021)

- Developed a financial dashboard for a client using Dash Plotly that pulls stock information from a backend finance database. Include additional functionality of a stock screener to search for similar stocks based on user specified parameters such as revenue growth, free cash flow, etc.

## EDUCATION

### • Bachelor of Engineering with Honours

National University of Singapore (NUS)

08/2014 - 07/2017

GPA: 4.62 out of 5