



# JIA YI OOI

SENIOR SOFTWARE ENGINEER

## Profile

Experienced full-stack engineer adept in bringing forth expertise in web development, testing, and system design. Able to effectively self-manage during independent projects and collaborate as part of a productive team.

## Employment History

### Software Engineer, Coinalpha (Hummingbot), Remote

JUNE 2021 – OCTOBER 2023

A Silicon Valley startup that provides crypto market-making service, liquidity mining, and maintaining an open-source crypto trading bot.

Hummingbot Miner/Dminer- [miner site](#) and [dminer site](#)

- Transformed and streamlined front-end tooling and authentication processes, enhancing overall system responsiveness and user experience.
- Implemented React-query library, significantly reducing application loading times and elevating overall application efficiency.
- Adopting Tailwind CSS and Twin.macro for the company's branding design system, ensuring a cohesive and responsive user interface.
- Utilized Chrome memory profiling tools to detect and address memory leaks in front-end applications, effectively optimizing memory usage and enhancing performance.
- Successfully integrated diverse Web3 wallets, including Metamask and Tezos Wallet, enabling seamless cryptocurrency transactions and user interactions.

Tech stack: Reacts, Typescript, Web 3, Python

### Contract Software Engineer, Areca System, Georgetown

AUGUST 2021 – MAY 2022

Supermarket point of sale system

- Engineered an Electron-based POS system, optimizing checkout processes and integrating modern payment methods, boosting transaction speed by 20%

Tech stack: Nodejs, Electron, Vuejs, Vuex, Ruby on Rails

### Software Engineer, Aglive Group Limited, Remote

OCTOBER 2017 – JUNE 2020

Tbsx3 Malaysia Sdn Bhd (Acquired by Aglive Group Limited) / Aglive Group Limited (Australia)

- Austracker (Truck tracking system) state: acquired,
- Tbsx3 (Blockchain base logistic tracking system) state: POC.

Tech stack: JavaScript, Typescript, React, MongoDB, Nodejs AWS, Firebas

## Education

Bachelor of Information Technology - Communcations & Networking (Honours), University Tunku Abdul Rahman, Perak, Malaysia

OCTOBER 2013 – MAY 2017

## References

Carlo P.Las Marias from Coinalpha

carlo@coinalpha.com | +1 646 397-0123

Jason Tomlinson from Coinalpha

jason@coinalpha.com | +1 615-945-1107

## Details

Georgetown, Penang  
Malaysia

0164200222

[me@jyooi.com](mailto:me@jyooi.com)

## Links

[LinkedIn](#)

[Github](#)

[Personal site](#)

## Skills

Reactjs

Typescript

Python

Nodejs

Vite

SQL

Jest

NextJs

Pytest

Web3

Elixir

## Languages

English

Mandarin