



# JIA YI OOI

SENIOR SOFTWARE ENGINEER

## Profile

Experienced full-stack engineer adept in bringing forth expertise in web development, testing, and system design, familiar with various platforms like Netlify and Vercel, Proficient in Typescript and Python languages. Experienced with cutting-edge developer tools like Vite, Nextjs, and Tailwind CSS. 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

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Jason Tomlinson from Coinalpha

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## Details

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NATIONALITY

Malaysia

## Links

[Linkedin](#)  
[Github](#)  
[Personal site](#)

## Skills

Reactjs  
Typescript  
Python  
Nodejs  
Vite  
SQL  
Jest  
NextJs  
Pytest  
Web3  
Elixir

## Hobbies

- Board Game  
- Jogging

## Languages

English  
Mandarin