



# JIA YI OOI

SENIOR FRONTEND ENGINEER

## Profile

Experienced front-end engineer was adept in bringing forth expertise in web3 development, testing, and system design. Proficient in Typescript and Python. 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 – NOVEMBER 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.

- Successfully integrated diverse Web3 wallets, including Metamask and Tezos Wallet, enabling seamless cryptocurrency transactions and user interactions.
- Led the migration of front-end bundling tool from Webpack to Vite, significantly enhancing performance and efficiency, streamlining build processes, and reducing build times.
- 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 web applications, effectively optimizing memory usage and enhancing performance.

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 (Australia)

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

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

## Education

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

OCTOBER 2013 – MAY 2017

## Internships

## References

Carlo P.Las Marias from Coinalpha

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## Details

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## Links

[LinkedIn](#)

[Github](#)

[Personal site](#)

## Skills

React

Typescript

Elixir

Rust

Python

Node.js

HTML

CSS

Git

Docker

JavaScript

SQL

Highcharts

Pheonix web framework

## Hobbies

Webpack, Vite

## Languages

English

Mandarin

**Jason Tomlinson from Coinalpha**  
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