

# Yii Kuo Chong

SOFTWARE ENGINEER · TYPESCRIPT DEVELOPER

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“Be the change that you want to see in the world.”

## Summary

Detail-oriented software engineer with 3 years of experience building robust, and scalable frontend and backend applications. Fully proficient in multiple languages including Node.js, Python, and Rust. Experienced working with SQL and NoSQL databases. Recently refactored the codebase of a motion tracking application, resulting in a major productivity increase.

## Skills

**Languages** Typescript, Javascript, Python, Perl5, C++

**Frontend** React, Hapi, Mobx, Next.js, Astro.js

**Backend** Node.js, Django, Django Rest Framework, Flask, Scrappy, Microsoft SQL Server, PostgreSQL

**Foundational Knowledge** CI/CD, Agile Development, Data Structures & Algorithms, MIPS ISA

## Work Experience

### Self-Employed

Remote

SOFTWARE DEVELOPMENT CONSULTANT (FREELANCE)

May. 2022 - Dec. 2022

- Refactored a motion tracking application resulting in drastic improvement in maintainability and productivity.
- Participated in the development of a motion tracking application that converts motion data into anime style comic through AI.
- Created a Python utility library for formatting markdown text to its equivalent on several social media channels.

### Vox Sea Sdn. Bhd.

Kuala Lumpur, Malaysia

SOFTWARE ENGINEER

Feb. 2021 - Mar. 2021

- Built, and deployed backend applications using Django, Kubernetes, Docker, and PostgreSQL.
- Responsible for development of parts of a REST API that interacts with an AI back-end.
- Responsible for deployment of the back-end REST API using Kubernetes and Docker.
- Guided junior developers through technical problems.
- Participated in daily scrum/agile meetings (technical) and weekly company meetings.

### Binary Group Services Sdn. Bhd.

Cyberjaya, Selangor, Malaysia

SOFTWARE DEVELOPER

Dec. 2018 - Dec. 2020

- Implemented a chat application by integrating SendBird's chat API.
- Developed server side services for automated payments using NodeJS, Docker, and PostgreSQL.
- Coordinate with UI/UX to implement designs for our web applications using tools such as Abstract, Zeplin and Invision.
- Collaborated with compliance to make sure our software complies with the laws.
- Help our recruitment team with proctoring new tech candidates in our hackathon.
- Autonomously create, manage, and executing tasks at hand.
- Learned and adopted new technology quickly (Javascript/Perl5).
- Participated in typical software development process such as sprint meetings, and code reviews.
- Use React, Grunt, Mobx, Webpack and SASS to build and maintain frontend applications.

## Certificates

2023 **AWS Academy Graduate - AWS Academy Cloud Foundations**, Amazon Web Services (AWS)

2020 **Mathematical Thinking in Computer Science**, UC San Diego

## Education

### University Tunku Abdul Rahman

Kampar, Perak, Malaysia

BACHELOR OF INFORMATION SYSTEMS (HONOURS) INFORMATION SYSTEMS ENGINEERING

May. 2021 - Oct. 2024

- 3.0 CGPA
- Obtained an A in "Data Structure and Algorithmic Problem Solving" which is a course introducing students to data structure and algorithms.
- Developed an IOT debug tool to assist in research work.