Francis Choi
Frontend Engineer

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SUMMARY

An innovative and fast-learning Frontend Engineer with 3 years of experience building and maintaining responsive mobile applications and websites in the IT industry. Proficient in Flutter, JavaScript, React, React Native and API integration; plus modern libraries and frameworks and enthused about solidity and web3. I am passionate about developing apps that are intuitive and engaging. I'm excited to work in a technical team that prioritizes the simplicity and serviceability of the app.

EDUCATION

The University of Hong Kong   Sep. 2018 to Jan. 2022

Bachelor of Engineering Computer Science 2022

Completed Coursework: Object-Oriented Programming and Java, Data structures and algorithms, Computer Architecture

EMPLOYMENT

VirgoCX Inc.   Toronto
Front End Developer   Aug. 2022 to Jun. 2023

A mobile app provides crypto trading services and a marketplace to trade NFT.

- Building fluent UI and UX with **React, React Native, and typescript.**
- Building **SEO-Optimized** Blog Posts in **WordPress**.
- Reviewed and tested customer-facing prototypes before deployment, applying best practice diagnostic techniques to verify usability with **Cypress.**
- Implemented the security feature which includes **2FA and biometric security** checking to maintain a strong security posture.
- **Reduced the bundle size by 30%** by using the tracking dependencies tool.
- **Reduced** the time consumed in the whole **CI/CD procedure by 20%.**
- Implemented the push notification to **improve user retention significantly.**

Kios
Full stack Developer   May 2022 to Aug. 2022

- Built a mobile app that can interact with **3D objects in AR environment.**
- **Embedded Unity 3D Model** into a mobile application built **with React Native.**
- Implemented a login system that includes **social login**, such as Google, Facebook, and Apple.
- **Integrated Firebase** for the push notification and cloud store service.

QuantDART
Frontend Engineer   Jan. 2021 to Jun. 2022

A mobile app provides crypto trading services and a marketplace to trade NFT.

- Revamped the whole app and provide a better UI and UX to **reach 1000+ daily users.**
- Implemented the security feature which includes **2FA and biometric security** checking to maintain a strong security posture.
- Collaborated with stakeholders during development processes to confirm creative proposals and design best practices.
- Collaborated with blockchain developers to **build web3 applications**.
- Reviewed code, debugged problems and corrected issues.

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EMPLOYMENT

Flowsophic Limited
Flutter Engineer   Oct. 2020 to Jan. 2021

- Quickly learned new skills and applied them to daily tasks, improving efficiency and productivity.
- **Integrated API with a WebSocket server** to build a real-time chatroom function for all online users.

PROJECTS

Pokemon Picker

- Project build with **React, Tailwind CSS, and TypeScript**
- Search for Pokémon by name and apply filters with **autocomplete**.
- **Dark mode** and **mobile-friendly**
- Support **deep linking** to a specific step in the flow
- **GitHub Repo**

Go Up Stair

A Dapp that users can mint their first NFT.

Integrating buy and sell flow with OpenSea.

- **Blind Box**
- Mint NFT with other **ERC20 tokens** e.g.USDT
- Minting exclusive (**whitelisting**)
- Support **multiple wallet gateways**
- Mint NFT using **Solana**

CWFgram

An **Instagram** clone app.

- Styled views using **TailwindCSS, HTML5, SASS and CSS3** for uniform styling on all pages.
- **Lazy loading and placeholder effect** when loading data
- Effectively uses **React and NextJs** to develop Avatar and username hover pop up
- Developed a **comment section** for users to leave comments under the post.
- Effectively **uses React and NextJs** to develop a **drag-and-drop function to upload Images/Video**
- **GitHub Repo**

SKILLS

Frontend: Flutter, React Native, React, NextJs, Web3, Unity, Typescript, Vue, Wordpress, Redux

Backend: NodeJs, Firebase, AWS, GCP, MongoDB, MySQL, GraphQL, tRPC, Java Spring, Prisma

Testing: Jenkins(CI/CD), Unit Testing, Jest, Playwright, Crypress

Deployment: AWS Amplify, Vercel, App Store & Play Store Deployments