

Derek Yang

SENIOR FULL STACK DEVELOPER

150 Kennedy RD, Wan Chai, HK

GitHub

Personal Website

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EDUCATION

Master of Library & Information Science - MLIS, Computer and Information Sciences and Support Services

Guangdong University of Technology (2012-2014)

SKILLS

PROJECT MANAGEMENT

- Agile, Scrum, Git
- Jira, Trello, Basecamp, Asana
- MS Azure, Bitbucket, AWS

WEB DEVELOPMENT

- Languages (JS, TS, PHP, Ruby, etc.)
- Back-End (Express, Socket.io, Nest.js, Sails.js, etc.)
- PHP (Laravel)
- React (MUI, Next.js, Gatsby)
- UI (Tailwind CSS, Ant Design, etc.)
- Vue (Vite, Vue3, Nuxt.js, and etc.)
- Graphic (D3.js, Charts.js, React-flow)
- Testing (Jest, Mocha)
- DB (SQL/NoSQL)
- GraphQL (Relay, Apollo)
- Monorepo (turborepo, Nx monorepo)
- Twilio API (Twilio Video/Audio API, etc.)

PROFILE

- A creative, result-driven Full Stack Developer with 5+ years of experience.
- Well organized, innovative, and proven web development skills that meet defined business goals with rich experience in research-level software development while meeting deadlines.

EXPERIENCE

Front-End Engineer

Axiom | Jan 2022 ~

- Designed, architected, and wrote 300+ reusable components using ReactJS and Storybook for 10+ multifamily service applications.
- Built SaaS/ B2B application by using Relay framework.
- Built a Live Video Tour app for multifamily industry clients by using Twilio.

Technologies:

Vite, Vue2 & Vue3, Vuetify, Ant Design, TailwindCSS

Front-End Developer

Hy.ly | Dec 2020 ~ Dec 2021 (Contract, Remote)

- Designed, architected, and wrote 300+ reusable components using ReactJS and Storybook for 10+ multifamily service applications.
- Built SaaS/ B2B application by using Relay framework.
- Built a Live Video Tour app for multifamily industry clients by using Twilio.

Technologies:

React, Redux toolkit, Storybook, Material UI, Twilio API, Relay, AWS, GraphQL, Google Firebase, Google Analytics, D3.js, React-flow

Projects:

SaaS platforms for the multifamily industry i.e., journey.hy.ly.ai

Front-End Architect, DevOps Engineer

A Cultivated mindset | Jun 2020 ~ Feb 2021 (Contract, Remote)

- Designed, architected, and wrote the front-end of various kinds of applications with 14,000 reusable components using ReactJS and VueJS.
- Researched and documented needs of 160 external partners and built an API abstraction layer for seamless integration without breaking.
- Used Google, AWS cloud services for reliable and robust platforms for 5+ various kinds of websites.
- Built CI/CD pipelines using Azure DevOps and custom scripts - helping teams deploy more than 30 times in a day.

Technologies:

React, Vue2, 3, Vite, Vuetify, Redux, React Native, Material UI, JWT, Auth0, Google Firebase, Google Analytics, MS Azure, ASP.NET...

MOBILE APP DEVELOPMENT

- Ionic
- React Native
- Flutter

DEVOPS

- Docker, Ansible, Jenkins
- Google Cloud, AWS, Azure

LANGUAGES

ENGLISH



MANDARIN



STRENGTHS

INNOVATIVE



CREATIVE



COOPERATIVE



SELF-RELIANT



OPEN MINDED



GOAL ORIENTED



IMAGINATIVE



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SENIOR FULL STACK DEVELOPER

Full-Stack Web and Mobile App Developer

USBizFilings | Mar 2020 ~ Aug 2020 (Contract)

- Increased usage and user visit number of the website by 60% by architecting and writing the innovative and user-friendly UI of the USBizFilings application using Twitter Bootstrap.
- Built a new mobile version of the USBizFilings application, which helped expand reach for success in marketing.
- Architected and improved a new back end and DB with heavy data analysis, resulted in 50% faster loading times for the USBizFilings application.
- Provided an innovative solution for the integration of 3rd party API with the application and made the life cycle of the project development 60% faster.

Technologies:

PHP, React Native, Twitter Bootstrap, Google Analytics, Expo, PayPal API

Hybrid Mobile App Developer

Vistan Health | May 2019 ~ Jun 2020 (Contract)

- Troubleshoot, and fixed bugs for the app and published it successfully to the Apple app store.
- Constructed and improved the app by using React Hooks, decreased average response time by 1.3 seconds.

Technologies:

React Native, AWS, React, Redux

Front-End Web & Mobile App Developer

Declaration | Jan 2019 ~ Jun 2019 (Contract)

- Designed and wrote the pixel-perfect and fully responsive UI/UX for the web & mobile app as client desired, delivered the perfect product to the market.
- Designed and built the optimized Database structure and flexible GraphQL API which made the loading time 60% faster.

Technologies: React Native, AWS, Next.js

Full-Stack Developer

Crowdbotics | Aug 2018 ~ Jun 2020 (Contract)

- Was responsible for the Front-End of 7 projects during this time, delivered all of them at a professional level in a timely fashion.
- Successfully completed the Integration of various kinds of APIs with the Front-End for the 4 projects within one month.
- Provided an invented solution for the Bluetooth device supporting in the mobile app projects that were built by using React Native.

Technologies: Django, Vue, React, Redux, React Native, Expo, Google Cloud Services