Jason Ritch

Senior Fullstack Engineer

Given a great sense of Coding and Designing , Jason always comes up with creative ideas greatly boost team productivity and become an insane developer until he gets it done.

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SKILLS

Javascript   Typescript   React.js   React Native   Vue.js   Node.js   GraphQL   Next.js

Express.js   AWS Lambda / S3 / EC2   CI/CD   SEO   Data Structure and Algorithms   GCP   Azure

WORK EXPERIENCE

Senior Founding Engineer

Navan (Formerly TripActions)

11/2019 - Present

Navan *is the all-in-one super app that makes travel easy.*

- Developed React, React Native and Typescript - based applications to deliver tailored solutions across web and mobile platforms; optimized component hierarchies through Hooks and HOCs, maintaining a maximum of 150 lines per component.
- Demonstrated technical leadership by scaling travel tracking up to 5000 users while minimizing rendering performance issues with React-Window.
- Facilitated data manipulation in the Dashboard portal, leveraging Mapbox and OpenSky API to implement live flight tracker and worldwide COVID-19 risk scenarios; Created multiple statistics charts using D3.js.
- Enabled intuitive GraphQL integration within legacy REST services, setting up Apollo server via Node.js, AWS Lambda and Redis.
- Applied Next.js to acquire indexable and crawlable web pages for SEO visibility and improved loading speed.
- Reaffirmed commitment to client expectations, actively participating in monthly product demonstrations and developing MVP prototypes with PMs and VP of Engineering.

Senior Frontend Developer

TerraLogic, Inc.

07/2017 - 10/2019

TerraLogic *is Global Software Development company focuses on building products on B2B contract.*

- In charge of codebase conversion from JavaScript to TypeScript - improving code standards, avoiding type mismatch warnings and introducing easy scalability.
- Partnered with Designers to implement fully responsive UI/UX based on Material-UI, with custom theming, accessibility and internationalization.
- Rewrote Micro-Frontend Block for Security Correlation Rules with React to improve performance and scalability.
- Guided and inspired junior developers by assigning tasks, leading weekly pair programming sessions & recommending best practices/resources.

WORK EXPERIENCE

Frontend Developer
Symbio Consulting

06/2015 - 07/2017

- Refactored code and upgraded legacy projects to React, employing Webpack and Babel configurations. Established Redux for global state management and Thunk, Saga middlewares to manage API actions asynchronously.
- Optimized complexity of helper functions by utilizing effective algorithms and debugging strategies.
- Minimized redundancies in styling with SCSS and LESS.
- Actively participated in Scrum activities by sharing trending technology articles on Slack and presenting them during Meetings.

EDUCATION

Bachelor's Degree, Computer Science
University of Hong Kong

04/2011 - 06/2015

HIGHLIGHTS

Personal Website (01/2015 - Present) ⬀
- You can learn more about me on this website.

XQ Message (01/2016 - 09/2016) ⬀
- XQ provides a secure solution for users / businesses to send encrypted files and messages via private network.
- I've participated in XQ Chrome Extension development as a key Frontend Developer ⬀
- Highly visualized Dashboard portal is built with React, Chakra UI, Mapbox, Chart.js

GrowthDay (01/2019 - 10/2019) ⬀
- GrowthDay is a personal development program focuses on building inspiring mindsets, healthier habits on a daily basis.
- The app is built with React Native, I've built many features including natural language processing, journal books and etc.
- I've partnered with Growthday team to maintain / upgrade existing codebase.