

I am a full stack developer with 5+ years of experience in user experience engineering and frontend development.



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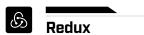




















Simon Fraser University

SFU BSc Interactive Arts and Technology

2010 September - 2014 December



Lighthouse Labs

Diploma of Web Development

2015 January - 2015 March





Amazon, Alexa Skills Kit

Front End Engineer II

2020 February - Present

https://developer.amazon.com/alexa/console/ask/displays

As a SDE II who focus on frontend development, I worked closely with UX team and SDE team to implement product design requirements into working prototypes. My major tasks include design user workflow using Adobe XD, develop Alexa Skills Authoring Tool new features using TypeScript and React, design and develop Alexa design UI library, and improve code quality by applying JavaScript and TypeScript best practices.

text IQ Text IQ, Inc.

Software Engineer

2019 June - 2020 January

https://www.textiq.com

As a software engineer who focuses on frontend development at TextIQ, I worked on improving the user experience of current cloud-based AI-driven products by redesigning and reengineering entire frontend code with React, Redux, and Redux-saga.



HackHub

Founder. CEO

2016 November - 2019 September

https://hackhub.com

HackHub is a hackathon management SaaS platform for organizers to host better events. I led a team of 8 engineers to develop a web application using React and a mobile application using React Native. We built the backend with Django and MySQL with a database auto-replication between 3 regions (US-west, EU-frankfurt, Asia-Singapore) on AWS to provide support for global-wide hackathons. There are over 100 hackathons using HackHub now which generated us a 20,000 developer user base within 2 years.



MetaOptima Technology Inc.

User Experience Engineer

2014 March - 2016 November

https://www.dermengine.com

I was one of the core engineers in building MetaOptima's cloud-based applications for smart skin cancer imaging and diagnosis such as DermEngine, MoleScope, and DermSocial. My tasks include frontend web development, UI/UX design, and usability test. Main web development tools I used are Node.js, React, Angular, CSS/SASS, Gulp, Python/Django, and MySQL.



ShopLink

Full Stack Developer (Part-time, Contract)

2019 April - 2019 September

https://sales.shoplink.chat

ShopLink is a Vancouver-based startup focuses on creating a tech solution for customers to connect with sales representatives using a real-time chatting app. I developed this real-time web application with Node.js, React, MongoDB, socket.io and Twilio API for text message notification. I deployed the app on AWS using EC2, Docker, and Amplify.



Plenty-full

Tech Lead (Part-time, Contract)

2019 March - 2019 September

https://plenty-full.com

Plenty-full is a Canadian startup dedicated to bringing Asian-inspired meal kits to chefs of all levels. I led a team of 3 junior developers to engineer their online food ordering system including a payment module with Stripe, localization with i18n and deployed to AWS using EC2, SES, S3, and CloudFront. We designed and built the software from scratch using Node.js, MongoDB, and Vue.js.



Open Style Web UI Framework

Creator (Open Srouce Project)

http://hongyanh.github.io/open-style

I developed a lightweight open source web UI framework for designers to build web UI without spending a large amount of time on repetitive styling. Open Style framework includes an enhanced grid system, font sizes, color variables, customizable form and button styles, reusable helper classes, and essential UI components such as card view, video background, image carousel, modal, navbar, and more. It is my solo project built with SASS and JavaScript.





Forbes Under 30 Scholar 2017 LIGHTHOUSE LABS

The winner of Lighthouse Labs SFU Scholarship 2014 think**i**fic

The 1st place of Thinkific Liquid Contest 2015 N^{nw} HACKS

The Best Use of iOS/OSX award in nwHacks 2015

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2016 Hack.summit Virtual Hackathon global top 100