



# Yan Hong

Software Engineer  
UI/UX Designer

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



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JavaScript



React



Python



AWS



MongoDB



Redux



Django



Docker

## education



Simon Fraser University  
**BSc Interactive Arts and Technology**

2010 September - 2014 December



Lighthouse Labs  
**Diploma of Web Development**

2015 January - 2015 March



## work experience



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, 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 Source 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.



awards



Forbes Under 30  
Scholar 2017



The winner of  
Lighthouse Labs  
SFU Scholarship 2014



The 1st place of  
Thinkific Liquid  
Contest 2015



The Best Use of  
iOS/OSX award in  
nwHacks 2015



2016 Hack.summit  
Virtual Hackathon  
global top 100