

I have 5+ years of frontend product development experience. I value empathetic and inclusive work cultures. I enjoy building product that relieves user pain and domain inefficiencies.

Founding Engineer at Agora Systems

Materials and supply chain management software for the construction industry.

- ▶ Owned all of the frontend, architected from scratch. Heavily involved in product strategy, user experience & research, design mentorship, and recruiting.
- ▶ Synthesized over 20 hours of user research with Product & Design, iterating through 3 prototypes over 4 months to lock down product/market fit through user testing.
- ▶ Led recruiting for Founding Designer role in all areas: requirements, sourcing, screening, and crafting interview process.

2019

NextJS, ES6

styled-components

Ant Design System

Apollo, GraphQL

Senior Frontend Engineer at Patreon

A platform where creatives connect with and earn money directly from their fans.

- ▶ Rearchitected email infrastructure, so that 200+ HTML email templates were standardized to 50 React templates, version controlled, and deployed via CircleCI. *Impacts 30+ million emails monthly, and paved the way for an email provider upgrade that saved ~\$22,000/month and drastically improved sending reliability.*
- ▶ Greatly reduced email-related unease and incidents by creating detailed documentation and a tool to preview and send emails safely using live data.
- ▶ Executed an immense technical cleanup and UI redesign of Make A Post, the main channel of communication on Patreon. Methodically removed 2 years of tech debt, freeing teams from technical constraints that were blocking core product strategy.
- ▶ Sole web engineer on Lens (ephemeral content), launching a complex cross-platform (mobile/web) feature across three user types (creator/patron/follower) with zero bugs reported post-launch.
- ▶ Owner of pair programming interview question asked to all engineering candidates. Authored training docs, iterated on a framework agnostic code skeleton based on candidate feedback, and conducted 30+ hours of interviews.
- ▶ Improved clarity about promotions, accountability of managers, and recognition of teammates as one of the authors of Patreon's Engineering Levels.
- ▶ Piloted a Waterloo intern (co-op) program, coordinated hiring and mentorship of two interns, both of whom accepted full-time return offers after graduation.

2017 - 2018

ReactJS, ES6

Redux (NION)

JSON API

styled-components

Flask, Python

Frontend Engineer at Zenreach

A WiFi platform that enables digital marketing to brick-and-mortar customers.

- ▶ Owned Web Widgets, a tool that creates white-label embedded mailing list forms. Customers' most requested feature for two years, delivered in two months.
- ▶ Built two WYSIWYG platforms: email composer and Wifi portal customizer, with features like drag-and-drop, undo/redo, and custom templates supporting an immense variety of devices and email clients.

2016

ReactJS, ExpressJS
Webpack, Babel, ES6
Django, Python

Bachelor of Computer Science (Honours) and Fine Arts Studio Minor

University of Waterloo, 2015

Interned at Bandpage, Wanderable, Indochino, BazaarVoice, and WatrHub during the Waterloo co-op program.

Canadian University Software Engineering Conference (CUSEC)

Director of Sponsorship (2015), Website & Resume Upload (2014)