



## EXPERIENCE

### CancerIQ

2022 - present

#### Senior Software Engineer

Senior software engineer building apps using React, GraphQL and NodeJS which enable preventative care and early cancer detection.

- Tech lead on the genogram project. We are rewriting our web-based tool which allows doctors to visually create family cancer history charts.
- Lead coder on the project but also managing a small team of engineers.

### World 50

2021 - 2022

#### Principal Software Engineer

Lead a team of 5 engineers to build internal analytics and tooling.

- Mentored engineers on my team, performed 1-on-1's, and wrote yearly performance reviews.
- Responsible for architecting, coding, and maintaining core systems used by my team.
- Wrote engineering documentation and introduced architecture decision records (ADRs) to our documentation.
- Advocated for restructuring our teams to a product teams-like structure. This was eventually implemented.

2018 - 2021

#### Senior Software Engineer

Full-Stack javascript developer on a small team dedicated to rebuilding our company's software platform.

- Rebuilt our legacy application on a modern tech stack using React-Native. The application runs on web, iOS, and Android with the majority of the code shared between all three platforms.
- Rebuilt our API using GraphQL. Additionally, we avoid N+1 query problems by using Facebook's Dataloader library.
- Setup infrastructure on AWS, Google Cloud and CircleCI including databases, servers, and build pipelines.
- Architected prototypes for a new navigation system and a better architecture for web. Both were accepted and implemented.

### TSYS

2017 - 2018

#### Senior Software Engineer

ReactJS and front-end specialist.

- Gave presentations and introduced new React techniques such as Fragments and Render-Props (hooks were released after I left, but we would have used those instead).
- Completely rebuilt the UI for my product.
- Built a dynamically generated page flow system. Multi-page flows were generated from data returned from our REST API.
- Regularly contributed to our core React frameworks.
- Mentored and trained junior developers on React.

### Koble

2016 - 2017

#### Co-Founder / Lead Engineer

Made all of the software architecture decisions. Wrote all of the code. Responded to outages and server issues.

- Developed a homepage using React and a prototype app using React-Native.
- Setup and maintained infrastructure using Google Cloud, including a Kubernetes cluster.
- Built a service to automatically retrieve and update LetsEncrypt certificates for TLS/SSL encryption.
- Wrote an audit-log service that listened for changes in Firebase and inserted a change summary into Google BigQuery.

### Salesloft

2015 - 2016

#### Full-Stack Software Engineer

Designed, developed, and deployed features for the Salesloft SAAS application. This touched upon everything from database design and migrations to front-end UX design and development.

- Developed a new QA system using Docker. Different versions of our application could be tested simultaneously on the same server cluster.
- Learned Ruby, Ruby on Rails, and Angular on the job. Started contributing quickly.

## EDUCATION

#### Georgia Institute of Technology

Bachelor's Degree - Computer Science  
2007 - 2012

## SKILLS

Javascript  
GraphQL  
Git  
Redux

Typecript  
Rust  
AWS and Google Cloud  
Python

React  
NodeJS  
HTML  
Ruby

React-Native  
SQL  
CSS