



## EXPERIENCE

### World 50

2018 - Present

#### Senior Software Engineer

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

- Rebuilt a 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. This allowed us to accomplish a lot with a small team.
- Rebuilt our API using GraphQL. Additionally, we avoid N+1 query problems by using Facebook's Dataloader library.
- Helped interview new developers and bring them up to speed on our tech stack. This included mentoring and some pair programming.
- Setup infrastructure on AWS, Google Cloud and CircleCI including databases, servers, and build pipelines.

### TSYS

2017 - 2018

#### Senior Software Engineer

ReactJS and front-end specialist.

- Became responsible for upgrading the dependencies for all of our projects.
- Gave presentations and introduced new React techniques such as Fragments and Render-Props (I left right before hooks were released).
- Completely rebuilt the UI for my product.
- Built a dynamically generated page flow system. Pages were generated from data returned from a 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 prototype app using React-Native.
- Developed a website using React.
- Setup and maintained infrastructure using Google Cloud
- 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.
- Setup Jenkins for continuous integration with Github.
- Deployed a Kubernetes cluster using Google Container Engine.

### Salesloft

2015 - 2016

#### Full-Stack Software Engineer

Designed, developed, and deployed features for the Salesloft SAAS application. Thist 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

Functional Programming

Typecript

Rust

AWS and Google Cloud

Redux

React

NodeJS

HTML

Python

React-Native

SQL

CSS

Ruby

## OTHER INTERESTS

#### Running

Cross-Country, Track & Field

#### Stock Market and Cryptocurrency

Bitcoin, Ethereum

#### Producing/Listening to Electronic Music

Synthesizers, Audio Theory, Live Music

#### Machine Learning

PyTorch