



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. The application runs on web, iOS, and Android with the majority of the code shared between all three platforms.
- Helped interview all subsequent developers and bring them up to speed with our tech stack. This included mentoring and pair programming.
- Setup infrastructure on AWS, Google Cloud and CircleCI including databases, servers, and build pipelines.
- Built an GraphQL API as the backbone of our application. Solved N+1 query problems by using the Facebook DataLoader library.

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.
- 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

Design and manage infrastructure on Google Cloud and Firebase. 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. 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 and on the same server cluster.
- Learned Ruby, Ruby on Rails, and Angular on the job.

EDUCATION

Georgia Institute of Technology

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, Algorithmic Trading

Producing Electronic Music

House Music, Drum & Bass, Dubstep

Machine Learning

PyTorch