



## EXPERIENCE

### TSYS

2017 - Present

#### 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 like Fragments and Render-Props.
- Completely rebuilt the UI 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.

### Nead Werx

2013 - 2015

#### Software Architect

In charge of researching and developing core software frameworks and coding standards as well as interviewing and training new engineers.

- Developed an interactive visualization tool for retail stores using HTML5, CSS3, and Javascript. Think Google Maps but for retail stores.
- Designed and developed a custom REST API framework in PHP.
- Developed a graph-based API query system (before GraphQL existed).

## EDUCATION

### Georgia Institute of Technology

2007 - 2012

## SKILLS

Javascript

React

Observables

SQL

Flask

PyTorch

HTML5

React-Native

React-Router

Git

Tensorflow

Functional Programming

CSS3

Redux

React-Navigation

Python

Keras

## INTERESTS

**Running** Cross-Country, Track & Field

**Creating Electronic Music** House Music, Drum & Bass, Dubstep

**Game Development** Unity, Unreal Engine, Game Theory, Game Design

**Stock Market and Cryptocurrency** Bitcoin, Ethereum, Algorithmic Trading

**Machine Learning** Tensorflow, Keras, XGBoost, Scikit-Learn