

## Software Engineer

## Skills

---

**Strengths** Javascript, HTML, CSS, React, Redux, Redux-Thunk, React Router, jQuery, Git, Mocha, Chai, Jest, Enzyme, Chrome Dev Tools, Node Inspector, Charts.js, Node.js, Express, Elephantsql, PostgreSQL, Mysql, SQL Server, Material-ui

**Experience** Typescript, React Native, Angularjs, Angular 7, Bootstrap, C3, sqLite, MongoDB, Mongoose, mLab, Jasmine, Webpack, Python, AWS, ec2, s3, Lua, Jenkins

## Experience

---

### Florida Blue - Senior React/Node developer

Feb 2019 - Jan 2020

#### Employee Onboarding software

- Sped up the main data call from 17 – 30 sec to consistence 1 sec or less by refactoring the backend end point
- Created SQL Server scripts so the same table can be made in different environments
- Followed wireframes to build ui components in React
- Got the app to 75% testing coverage with react ui components, redux actions/ reducers and Node endpoints
- Built an Feedback loop so user and customer service can work together to fix the problem
- Built an auto email node micro services that runs ever 30mins and sends out Feedback notifications, and other onboarding info
- 85% Reduction in time for roster uploading
- Automated approvals with security team/manager approvals
- Save company 3 million a year
- Provisioned over 1500 in 3 months
- Security team, Enterprise learning and development
- Automated and improved communication between the provisioning and security teams
- Multi Tennant enterprise-wide
- 10 days to 2 days for provisioning for security team security, access, hardware software
- Prevented SQL injection

### Southeastern Surveying & Mapping Corp - Eye Man

Oct 2016 – Mar 2018

- Documented distance, angles and heights with other field notes to be reuse by me self and coworkers
- A daily use of high precision equipment to plot coordinates sometimes up to 0.01 thousandths of an inch
- Collected data for the making of topographic maps
- Used coordinates with angles and distances to lay out building, roads, piping and more for construction works

### Jimmy John's - General Manager

Oct 2013 – Oct 2016

- Scheduling and overseeing a staff of 12-17 employees
- Handling large amounts of cash
- Tracking product entering and leaving the store
- Ordering product
- Handling customer

## Software Applications

---

### Gift Giving Elephant, React/Redux, Node.js, Express, Elephantsql

*white elephant application gift exchange site.*

- Used Redux to manage state for the application.
- Built and designed all the ui with React that display data and other info to the user.
- Elephantsql to have a cloud Postgres database to store and fetch data.

### **Pocket Goblin**, React Node.js, Express, Postgresq

*An application to help you make conscious decisions about the money you're spending.*

- Analyzed mockup and built presentational component classes to scaffold front-end
- Used Jest and Enzyme for component testing
- Created React views to render to display financial information along with money saving tips

### **Goonies**, React, Node.js, Express, Sequelize

*An application for hiking enthusiasts to source information on weather and hiking routes*

- Fetched weather range of weather for next 8 days with Dark Sky API
- Displayed weather information and graphs for high/low
- Moved api call to componentDidMount vs having user click a button and waiting

### **KidDash**, React, Node.js, MongoDB, Express

*A web application that lets schools upload google docs so parents can find them in a one-stop-shop*

- Constructed a React component that allows users to switch between user and admin.
- Created a React view that allows users to upload new documents to database.
- Designed an UI/UX experience using Material UI to create custom animated when uploading documents

## **Education**

---

**Hack Reactor** Advanced Software Engineering Immersive

2018

**Florida State College at Jacksonville** coursework towards degree in Computer Science

2011

## **Personal**

---

As a side hobby I enjoy building custom water cooled computers. I am currently learning about drones and working on an autonomous drone that will have a raspberry pi as the hearth. I will start with python to program its missions then find a way to fly it in JavaScript then work my way to c# one day.

## **References upon request**