

## SKILLS

GO, JavaScript, React, Redux, Node, Express, Ruby, Rails, GraphQL, REST, Python, PostgreSQL, MongoDB, Redis, Docker, GIT, AWS, GCP, HTML, CSS, SCSS

## PROJECTS

### A CLI Tool To Generate Full-stack Applications | Goapp ( Go )

[github](#)

- Engineered an interactive command line interface tool to give developers a quick and easy way to generate a full stack application in a modular way.
- Created a template schema spec to give developers the ability to distribute and/or use their own templates in an unrestricted manner.
- Leveraged GO's built-in templating language and file generation capabilities to render an unlimited number of files in a variety of file types.

### Full-stack Web Application | Invoiced (React, Redux, Rails 5, PostgreSQL, Docker)

[live](#) | [github](#)

- Utilized Rails polymorphic association pattern to reduce database constraints, resulting in a lighter weight, more optimal, and ultimately scalable application.
- Harnessed Redux single-state management to streamline communication between backend and frontend architecture and implement well-rounded CRUD functionality, letting users update their invoices seamlessly.
- Implemented public or private invoices that the front-end client can handle by making use of persisted data and HTTP status codes.

### Real-Time Data Fetching Application | CVWatch (Javascript, Chartjs)

[live](#) | [github](#)

- Created an interactive Single Page Application in pure Javascript that displays Covid-19 data points and graphs for the nation or individual state.
- Used the browsers asynchronous/await Fetch API to fetch real-time data from The Covid Tracking Project API.
- Rendered dynamic line and stacked bar charts using Chart.js from a RESTful JSON response.

### A PostgreSQL Database Mapping Library | PGX Scan (Go)

[github](#)

- Designed a library that uses reflection to map PGX PostgreSQL data to basic and/or aggregate type(s). PGXScan removes the developers' manual step of explicitly mapping SQL columns to data types.
- Gained a well-rounded understanding of reflection type operations and where they can (and should not) be used.

## EXPERIENCE

### Web Designer and Marketing Manager | RetailOps

June 2016 - Aug

2019

- Orchestrated, designed, engineered and deployed a content driven enterprise scale website using Hugo, Bootstrap 4, and Netlify.
- Reduced ad spend while achieving, on average, a 35% month-over-month growth in organic search traffic; and an 840% increase in our key conversion metric (request a demo).
- Organized customer interviews to communicate our strongest product offerings by authoring case studies around their success.

### Lead Product Manager | TaxProfessionals.com

Dec 2014 - Feb 2016

- Collaborated with a team of web developers tasked with generating new revenue opportunities and introducing new features.
- Introduced new user acquisition funnels that improved monthly signup growth by 43%.

## EDUCATION

University of Arizona - BS Business Administration and Management, Marketing, 2009-2012

AppAcademy - Honed my skills as a software engineer, 2019 - 2020