Samuel Montalvo | Software Engineer

Chicago, IL, 60616 | 214-686-7539 | sammontalvojr@gmail.com | [Github](#) | [Medium Blog](#)| [Website](#) | [LinkedIn](#)

SKILLS & TECHNOLOGY

Programming Languages: JavaScript, Typescript, Ruby, Python, HTML, CSS, SQL
Frameworks: Ruby on Rails, Express.js, Django, Next.js
Libraries: React.js, Redux, Redux-Thunk, Sinatra, Styled-Components, React Hooks
Tools / Testing: Postman, VS Code, Figma, Mocha, Chai, Chrome Developer Tools, Lighthouse, Node.js
Database Tech: PostgreSQL, MongoDB, ActiveRecord(ORM), NeDB, Firebase, SQLite
Hosting / Version Control: Netlify, Heroku, Github
Fluent Languages: English, Spanish

TECHNICAL PROJECTS

PITS - *[Github](#) | [Demo](#)*
A full stack web application intended to help users keep track of their plant's watering schedules.
- Stored **JWT** and user's plant data in localStorage to reduce load times for subsequent sessions.
- Managed state across multiple components on the frontend using **Redux-Thunk**.
- Created Functional Components utilizing **React Hooks** to manage individual states and when to re-render.
- Built a **REST API** to asynchronously pass JSON from a **PostgreSQL** database to persist users' data across all sessions.
- Specified which files to cache to service worker in order to make the app a **PWA**.
- Designed **schema** to organize data within a relational database, making it easier to query
- Maintained a mobile responsive design using **Bootstrap** components

Phasmophobia Notepad - *[Github](#) | [Demo](#)*
A progressive web app designed as a companion tool for game
- Applied custom **CSS** to styled-components to maintain a mobile responsive UI.
- Used **TypeScript** to add static types across all files to speed up **debugging** process in VS Code.
- Created a **Global Store** to manage state across multiple components using **React Context Hooks**

Flatbook - *[Github](#) | [Demo](#)*
Task manager application that keeps track of the user's notes
- Authenticated user's information with **Rails API**, returning JavaScript Web Tokens and user tasks to the front-end.
- Managed user data within a global store using **Redux**.
- Built front end with **Semantic UI** pre-styled components.
- Created a **Ruby on Rails** backend to persist user's notes across multiple sessions.

EXPERIENCE

Mauri Pro Sailing   Frisco, TX
Web Content Developer   *04/2012 - 04/2016*
- Created original content for product to improve **SEO** and generate organic traffic for webstore.
- Managed a team of other developers and inspected content to meet quality standards and tight deadlines.
- Providing **website support** and editing, formatting **raw text content and images** into **website-ready** materials.
- Identify and correct problems uncovered by customer **feedback and testing**.
- Communicated with customers on a daily basis in order to develop solutions and improve customer buying experience.
- Acquired and continually developed a knowledge base in **Dreamweaver, HTML and CSS**.

Samm's Electric   Lake Dallas, TX
Electrician   *04/2016 - 07/2019*
- Handled project tasks via ticket system.
- Coordinated with a team regularly in order to complete large projects to quickly meet customer's needs.
- Evaluated information from customer service and customer to determine the course of action to the next logical step.

EDUCATION

Flatiron School   Chicago, IL
Full-Stack Software Development, Ruby on Rails and JavaScript program   *10/2020*

University of North Texas   Denton, TX
Bachelor of Arts in Psychology   *05/ 2012*