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# Mike Gutierrez

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## TECHNICAL SKILLS

**Strong:** React, Redux, Node, Javascript, ES6, HTML, CSS, Less, Webpack, Responsive Development, Mobile First Development, Component Library Development, TDD, OOP, Agile

**Experienced:** Web Sockets, WebRTC, OAuth, PostgreSQL, MongoDB, Git, Phantom.js, JQuery, Coffeescript, Heroku

## PROFESSIONAL EXPERIENCE

**SteelHouse - Front End Software Engineer**

**2016 - 2017**

- Developed reusable React components to build a consistent UI for a retargeting advertisement template library, taking advantage of React's virtual DOM to conditionally re-render views based on specific state and prop changes
- Built out UI for the SteelHouse Advertising Suite, utilizing Redux to maintain a single source of truth for user registration data, advertising budgets and goals, and campaign and template library options, allowing for predictable state management and multiple components to subscribe to the application store
- Contributed to a proprietary React component library used across multiple products by developing utility style classes, modular UI components and documentation to ensure the quality and longevity of front end code for other engineers
- Improved SteelHouse's proprietary front end XML based language, A<sup>2</sup>, by developing features in Coffeescript and React to package Javascript driving UI state changes into language tags, allowing end users to focus on design over functionality
- Wrote succinct stylesheets with the Less preprocessor, using variables, mixins and functions for clean style composition
- Leveraged Enzyme for shallow rendering and Mocha for asynchronicity to write unit tests for React components to ensure consistent UI display across varying application states based on prop definitions
- Implemented the Intercom Javascript library in Node and React, employing API methods and webhooks to monitor user registration and application failure points, allowing customer service to send targeted messages to maintain engagement

**SteelHouse - Lead Web Developer**

**2014 - 2016**

- Designed an A<sup>2</sup> deployment workflow tool by providing senior engineers with functional prototypes using JQuery for DOM manipulation and tracking script injections and Bootstrap for rapid development cycles
- Improved A<sup>2</sup> by incorporating CSS3 transitions and keyframes with Javascript events for step driven animations
- Hired and trained a team of five developers to write functional code to dynamically display relevant products to e-commerce customers in retargeting ad units using SteelHouse's proprietary language, A<sup>2</sup>

**SteelHouse - Web Developer**

**2013 - 2014**

- Developed retargeting ad units using A<sup>2</sup> to display dynamic e-commerce products and CSS to achieve pixel perfect design

## OPEN-SOURCE PROJECTS

**Peer Connect - Peer-to-peer content delivery network**

- Applied WebRTC to establish real-time, bidirectional connections between clients for the exchange of static assets, relieving server load and reducing bandwidth costs
- Implemented Web Sockets to open a connection between active clients and send relevant client data between peers

**Cryptography - Cryptocurrency portfolio aggregator**

- Integrated a web token authentication system to identify users and grant access rights using Redux actions to interface with a backend API to save user account information and portfolio API tokens in an SQL database
- Validated registration and login forms by utilizing regular expressions to prevent invalid submissions and React's component state to conditionally display error messages, providing instant feedback and reducing server responsibilities

**Leonidas - Stock market news resource and data aggregator**

- Implemented SQL database with relational tables to store stock and user information, maintaining data integrity through type and validity checking
- Leveraged OAuth user authentication, integrating secure access to Google's user resources without sharing credentials
- Utilized Phantom.js for headless browser web scraping to save and display dynamic stock information

## EDUCATION

**University of Maryland, College Park - B.A Sociology, Criminology and Criminal Justice**

**2010**

**INTERESTS:** Recording and playing drums, camping and hiking, live music and swinging kettlebells