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Mike Gutierrez

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TECHNICAL SKILLS

Strong: React, Redux, Node, GraphQL, Javascript, ES6, HTML, CSS, Less, Styled Components, 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

UpKeep Maintenance Management - *Front End Software Engineer* **May 2018 - Present**

- Migrated founder code from Angular 1 to React 16 utilizing React Virtualized to efficiently render large lists of data, incorporating infinite loading to seamlessly fetch data on scroll and Redux for controlling modals, alert messages and global UI elements, improving the scalability and longevity of UpKeep's core product, the Work Order List View
- Contributed to a GraphQL API gateway that communicates with a Node API and Parse database by writing queries to declaratively fetch work order, location and user data, mutations to manipulate server-side data and types to describe the set of data available for the client, eliminating over fetching and minimizing the data transferred between server and client
- Implemented an activity feed component from front end to back end by building Node API endpoints to interface with GraphQL queries and mutations, enabling users to read, post and delete updates to work orders on the React front end
- Created Styled Components to isolate and conditionally control the presentation of UI elements based on prop definitions

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^2, 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^2 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^2 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^2

SteelHouse - *Web Developer* **2013 - 2014**

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

OPEN-SOURCE EXPERIENCE

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

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