Andrew Roush

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Summary

Seasoned Front-End Developer with over 5 years of experience specializing in React and modern web technologies. Proven track record at Sony Pictures Entertainment and StratCap, delivering user-centric, scalable web applications that drive performance improvements and enhance user experiences. Skilled in API integration, UI/UX design, and collaborative development within diverse teams. Committed to continuous learning and eager to leverage a robust technical skillset in the creation of innovative and impactful projects.

Technical Skills

- **Front-End Development:** HTML5, CSS3 (Tailwind, Bootstrap), JavaScript (ES6+, React, Redux, TypeScript, jQuery)
- **Back-End Development:** Node.js, Express
- **Databases:** MySQL, MongoDB, Firebase
- **Other:** RESTful APIs, JSON, Git, GitHub, Agile methodologies, Command Line Tools

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Experience

Front End Developer (React) │ StratCap │ Newport Beach, CA │ December 2018 - February 2024

- At StratCap, spearheaded the development and enhancement of pivotal web applications, including data vaults, investor portals, and customer-facing websites, leveraging an extensive array of modern web technologies and methodologies to deliver exceptional user experiences and functionality. Key contributions and technologies utilized include:

- React Ecosystem: Proficiently used React, React Router, and Redux to construct dynamic, state-driven web applications, ensuring seamless user navigation and efficient state management across multiple projects.
- API Integration & Data Management: Integrated complex APIs, employing both stored procedures for secure data transactions and JSON for flexible data interchange. This integration facilitated real-time data updates and interactions, enhancing the functionality and user engagement of the platforms.
- Authentication & User Management: Implemented robust login functionality using React, enhancing security and personalized user experiences across various applications, including investor portals and data vaults.
- UI/UX Design: Utilized Bootstrap, Material UI, Tailwind, and custom CSS to design and implement responsive, aesthetically pleasing user interfaces that adhere to modern design principles, improving accessibility and user satisfaction.
- Maps and Data Visualization: Integrated Google Maps API and React chart libraries for advanced data visualization and location-based services, enabling users to interact with complex datasets and geographical information in an intuitive manner.
- Interactive Elements: Employed SVGs and custom animations to create engaging, interactive web components, elevating the user interface and enhancing the overall user experience.
- Form Handling and Validation: Developed sophisticated forms with comprehensive validation mechanisms using React, ensuring data integrity and enhancing user feedback during data entry processes.

Frontend Software Developer │ Sony Pictures Entertainment │ Los Angeles, CA │ October 2021 - Present

- Pioneered a React-based tool for the metadata team, incorporating ANT Design and custom CSS, slashing research time by over 50% and streamlining workflow efficiencies.
- Enhanced app functionality with advanced sorting, filtering, and comprehensive search features, improving access to extensive datasets.
- Utilized TV-API and OMDB-API for comprehensive searching capabilities, allowing users to find titles and talent information, both individually and in bulk.
- Engineered Excel export capabilities, facilitating efficient data reporting and analysis.

Teaching Assistant │ UCI Department of Continuing Education │ Irvine, CA │ 2018

- Assisted in delivering full-stack web development courses, emphasizing clean, efficient code and best practices.
- Provided personalized feedback and support, enhancing student learning outcomes and project success.

Education

- **AWS Certified Cloud Practitioner (Expected August 2024)**
- **AWS Certified Developer (Expected December 2024)**
- **Certificate in Full Stack Web Development, UCI Continuing Education, 2018**