

Cullen Bayne

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Experience

Frontend Engineer, Robot Cache – San Diego, CA 2022 – Present

- Refactored a legacy codebase using React and Redux, enhancing maintainability and reducing onboarding time for new developers
- Integrated REST APIs, enabling seamless data fetching and enhancing application functionality
- Implemented lazy loading and code splitting, improving page load time and enhancing user experience
- Developed content localization, expanding user base and increasing international user engagement
- Implemented automated testing with Jest and Cypress, reducing bugs and improving code quality

Frontend Developer, Ranta Consulting – San Diego, CA 2020 – 2022

- Developed custom UI components using .NET controls, accelerating development time and improving user engagement
- Collaborated with UI/UX designers, translating wireframes into interactive prototypes
- Introduced CSS Grid and Flexbox layouts, improving page layout flexibility and reducing CSS
- Implemented form validation and error handling, improving user input accuracy and reducing submission errors
- Optimized CSS animations, reducing render times and enhancing user interface responsiveness

Frontend Developer, Frozen Anchor – San Diego, CA 2015 – 2020

- Developed a responsive design system, ensuring consistent user interfaces across devices and increasing mobile traffic
- Created and maintained design documentation, ensuring consistency across development teams and reducing design inconsistencies
- Implemented typographic treatment, enhancing readability across devices and improving user experience
- Developed custom components, enhancing user interaction and reducing page clutter
- Optimized image assets, reducing page weight and improving load times across devices

Skills

Core: HTML5, CSS3, JavaScript, Responsive Design, A11y, REST API's, Node.js, Redux, zustand, SQL

Frameworks & Libraries: Next.js, React, Tailwind, Bootstrap, shadcn

Tools: Git, npm, Jest, Cypress, React Testing Library, Figma, Webpack, Docker, SASS, LESS

Education

Full Sail University – BS in Computer Science 2015