Joel Zayas

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PROFESSIONAL SUMMARY

Front-End Developer with over 10 years of expertise using modern JavaScript libraries (React.js, Vue.js and Astro.js) for developing rich user interfaces, utilizing a component based development approach for developing web based applications, focusing on web compliance, semantic HTML / CSS and performant JavaScript. Looking to further my career as a Senior Front-End Developer, where I can contribute towards creating components that streamline and optimize application development.

WORK EXPERIENCE

Senior Front-End Developer, Emulate Bio   **July 2024 – Current**
- Led 3-person front-end engineering team to deliver a cross-platform, desktop application using React and Electron, achieving 100% compatibility across Linux, Windows, and macOS with 40% faster development cycle through component-based architecture, using a test-first development process.
- Established technical roadmap and IPC data flow documentation for Electron-React architecture, reducing onboarding time by 60% through standardized workflows and role-based task allocation.
- Architected a reusable React component library, utilizing a render props pattern, reducing UI development time by 50% and decreasing codebase size by 30% through consolidation of 15+ similar components into 5 configurable modules.
- Built real-time desktop and embedded applications with WebSocket middleware integration, achieving sub-100ms state synchronization between experiment devices and UI, enabling seamless data flow for company operations.

Senior Web Developer, 829 Studios   **March 2023 – September 2023**
- Contributed towards the development of a proprietary component based library, for developing web applications for a variety of clients, streamlining our development process and enhancing the time to production by over 30%.
- Built interactive data visualization dashboards, integrating Salesforce and HubSpot APIs, processing 10,000+ customer records through custom React components, utilizing libraries such as D3 & Chart.js, improving client data insights and reducing manual reporting by over 75%.
- Refactored 5+ legacy applications using DRY principles and modern JavaScript patterns, achieving 90+ Lighthouse performance scores and reducing page load times by 60%, improving user engagement metrics by 25%.

Senior Web Developer, Boston Digital   **January 2021 – March 2023**
- Spearheaded React component library initiative for Drupal, WordPress and Contentful theme development, accelerating build times by 60% across 8+ CMS projects and reducing theme customization effort from 5 weeks to 3 weeks per client.
- Delivered 8+ responsive web applications across healthcare, finance, and e-commerce sectors, achieving WCAG 2.1 AA compliance and 90+ Lighthouse accessibility scores while maintaining sub-2s load times on mobile devices.
- Partnered with UX/UI designers and product managers in agile sprints to translate Figma designs into production-ready React components, reducing design-to-deployment cycle from 3 weeks to 5 days through streamlined handoff processes.

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, SASS, PHP
Technologies: React, Next.js, Astro, Node.js
State Management: React Context, Redux, Zustand
Versioning & Deployment: Git, GitHub, BitBucket, Jenkins
Platforms: Drupal, WordPress, Contentful, Strapi, Vercel, Netlify

EDUCATION

Bachelor of Science, Digital Media, Full Sail University   **June 2006**