Rhuan Santos

Senior Frontend Engineer / Senior Software Engineer (React, TypeScript)
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PROFESSIONAL SUMMARY

Senior Frontend Engineer with **13+ years of experience** designing and building **large-scale, high-traffic web applications** for enterprise and consumer platforms. Expert in **React, TypeScript, Redux, Next.js**, and **frontend architecture**, including **component libraries, design systems, micro-frontends, performance optimization**, and **accessibility (WCAG 2.1 / ADA)**. Strong experience collaborating in **remote-first, distributed teams**, working asynchronously, and owning features end-to-end from design through production. Proven track record delivering **mission-critical e-commerce systems** impacting **millions of users** and **billions in annual revenue**.

CORE SKILLS

- Frontend: React, Next.js, React Native, JavaScript (ES6+), TypeScript, Redux, TanStack Query

- Architecture: Frontend Architecture, Micro-frontends, Design Systems, Component Libraries

- Quality & Performance: Performance Optimization, Accessibility (WCAG 2.1 / ADA), Unit Testing, CI/CD

- Backend: Node.js, Express, REST APIs

- Cloud & Tooling: AWS (EC2, RDS, S3, ELB), Git, Gulp, Grunt, Web Workers

- Collaboration: Async Communication, Technical Documentation, Mentorship, Code Reviews, A/B Testing

PROFESSIONAL EXPERIENCE

Walmart Global Tech — Senior Software Engineer (Jun 2021 – Present)

- Core contributor to samsclub.com Checkout & Payments platform supporting millions of users and approximately $60B in annual revenue.

- Designed and maintained scalable, reusable React and Redux components for Checkout, Payments, and Address Book flows.

- Improved performance, reliability, and accessibility across critical purchase paths.

- Collaborated with Product, UX, and Analytics teams to run A/B experiments and optimize conversion rates.

- Contributed to internal Design Language System (DLS) and shared component libraries.

- Led code quality initiatives through CI/CD pipelines, testing strategies, and pull request reviews.

- Mentored junior and mid-level engineers, promoting best practices in frontend architecture.

Florida Blue — UI Tech Lead (Jan 2018 – Jun 2021)

- Led frontend architecture for Content Connect, an enterprise platform managing over 500 million documents.

- First React and JavaScript engineer within ECMS, defining coding standards, libraries, and architectural patterns.

- Built high-performance, multithreaded user interfaces using Web Workers.

- Developed reusable React component libraries adopted across multiple teams.

- Designed and implemented REST APIs using Node.js and Express.

- Authored architectural design documents and system diagrams.

Adopets — Senior Software Engineer (Apr 2016 – Dec 2017)

- Built responsive web platforms using React, Redux, Node.js, and Express.

- Created initial mobile application concepts using React Native, Swift, and Java.

- Collaborated on AWS infrastructure design using EC2, RDS, S3, and Elastic Load Balancing.

Megafoto — Frontend Developer (Jan 2015 – Apr 2016)

- Developed interactive digital experiences for a platform with over 6 million users.

- Built the main Megafoto Player using JavaScript and the Krpano plugin.

- Created reusable HTML5 and Sass templates using BEM methodology.

- Modernized legacy systems by migrating from PHP to Node.js.

Redzero — Full Stack Developer (Jan 2012 – Jan 2015)

- Developed and maintained the main website serving over 15,000 students across 15 locations nationwide.

- Led a full responsive redesign using HTML5 and CSS3.

- Worked across PHP, JavaScript, Jekyll, Ruby on Rails, and Grunt.

- Captured business requirements, produced wireframes, and coordinated with design teams.

- Ensured ADA compliance and cross-browser compatibility.

EDUCATION

Full Sail University — Bachelor of Science, Web Development & Design
Full Sail University — English as a Second Language

LANGUAGES

English (Full Professional) • Portuguese (Native) • Spanish (Conversational)