

William Rinaldi

Senior Front-End Developer

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williamrinaldi.com

Senior front-end developer with 9+ years building responsive, user-focused web applications in Vue, React, and TypeScript across medical, compliance, insurance, and financial platforms.

Technical Proficiencies

Front-End Frameworks/Languages	HTML5, CSS3, JavaScript ES6+, Vue 2 / Vue 3, Nuxt, React, Typescript
CSS Libraries	TailwindCSS, Vuetify, MUI, Quasar, StorybookUI
State Management	Vuex, Pinia, Redux, Tanstack Query
Architectures	REST, GraphQL, Single Page Applications, Micro Front-Ends
Testing	Jest, Jasmine, Cucumber (BDD)
Data Visualization	ChartJS, PlotlyJS

Career Experience

Zimmer Biomet via Pinnacle Partners contract - Warsaw, IN

AUG 2024 – PRESENT

Senior Front End Developer

Award winning Digital Health Analytic tool – ZBEdge® Analytics

Key front-end architect and major contributor to ZBEdge® Analytics, Zimmer Biomet's award-winning clinical decision support platform. In 2025, ZBEdge® earned Zimmer Biomet's first-ever GOLD Digital Health Award (Connected Digital Health: Clinical Decision Support Tool), enabling personalized orthopedic care through real-time surgical and outcome data.

- Key front-end contributor on ZBEdge® Analytics, leveraging Vue 3, Pinia, TypeScript, and Plotly to build a high-performance UI for complex surgical datasets.
- Architected dynamic data tables, improving clinicians' ability to analyze large post-operative datasets and accelerate evidence-based decision-making.
- Built Zimmer Biomet's first front-end test suite, establishing a robust QA pipeline and improving reliability.
- Engineered a custom workaround for Plotly's charting limitations, enabling critical grouped floating bar charts for clinical insights.
- Designed reusable, context-aware modals to deliver dynamic, relevant data across the application.
- Collaborated closely with product managers, clinical experts, and back-end engineers to ensure seamless data integration aligned with surgical workflows.

Internal Innovation: EPUB Content Creation & Translation Platform

- Led development on a greenfield internal application to create, edit, translate, and distribute EPUB physician education materials, saving Zimmer Biomet \$500,000 annually in third-party licensure fees.
- Integrated multi-language translation workflows and streamlined distribution across internal platforms.
- Recognized internally as a bar-raising tool transforming content workflows and praised for performance and usability.

Semsee - Brooklyn, NY**DEC 2022 – FEB 2024**

Front End Developer II

- Refined and scaled a commercial insurance quoting platform built with React.
- Collaborated closely with Product and Back-End teams to develop new features and improve the overall front-end architecture.
- Redesigned core areas of the front-end architecture, significantly improving performance and reducing technical debt.
- Established a scalable front-end testing strategy, improving reliability and lowering production defect rates.
- Led integration of the MUI component library, consolidating UI patterns, eliminating redundant dependencies, and accelerating feature delivery.
- Improved overall code quality and system stability by simplifying complex workflows and enforcing front-end best practices.

Interactive Brokers - Greenwich, CT**MAY 2022 – DEC 2022**

Front-End Developer

- Maintained and enhanced a shared Vue component library used across multiple applications, ensuring consistency, performance, and usability.
- Resolved critical issues and improved core components, boosting performance and UX across the platform.
- Proposed and advocated for a micro front-end architecture, enabling more scalable, modular development across teams.

Sittercity - Chicago, IL**JAN 2022 – MAY 2022**

Senior Front End Software Engineer

- Created visually appealing and intuitive user interfaces that align with user experience best practices. Ensured responsive design for optimal performance on various devices.
- Led the SEO & Page Speed squad as the technical lead, driving initiatives to optimize website performance and enhance search engine optimization (SEO) efforts.
- Mentored junior engineers in Vue/Nuxt application development, fostering team growth and enhancing overall development capabilities.

CastleBranch - Wilmington, NC**DEC 2018 – OCT 2021**

Front-End Developer II

- Mentored and provided expert guidance to a team of developers, leading the delivery of new applications and features using Vue 2 and Vuetify, while fostering collaboration and raising front-end engineering standards.
- Designed, built, and maintained a reusable component library, packaged and distributed for consumption across multiple applications, ensuring UI consistency and faster feature development.
- Implemented and managed Storybook as a shared documentation and development environment, improving component discoverability, onboarding, and cross-team collaboration.
- Assessed the feasibility of UX designs, providing technical feedback and recommendations to improve usability while reducing implementation complexity.
- Optimized application accessibility and performance, delivering a more responsive and inclusive end-user experience.
- Led application refactoring initiatives to remove dependency on costly third-party frameworks, improving maintainability and reducing long-term operational costs.

Front End Developer

- Contributed significantly to the development of intricate financial interfaces using Java and AngularJS by leveraging proficiency in both languages.
- Translated technical specifications and design concepts into functional code, ensuring alignment with project requirements and set goals.
- Achieved 100% code coverage by developing comprehensive J-Unit, Cucumber, and Jasmine tests, ensuring robust and error-free software solutions.

Education

Bachelor of Science - Information Science

The Pennsylvania State University, State College, PA