

William Rinaldi

Senior Front-End Developer

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Seasoned and innovative professional with extensive experience crafting exceptional user experiences through cutting-edge technologies. Proven track record of implementing responsive and visually stunning web interfaces that enhance user engagement and drive business growth. Effective communicator; adept at collaborating within cross-functional teams, including designers, back-end developers, and project stakeholders.

Technical Proficiencies

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

Areas of Expertise

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|-------------------------------|----------------------------|---------------------|
| • Front-End Development | • Testing & Debugging | • Responsive Design |
| • UI/UX Design Integration | • Mobile First Development | • Version Control |
| • Cross-Browser Compatibility | • Performance Optimization | • API Integration |

Career Experience

Zimmer Biomet via Pinnacle Partners contract - Warsaw, IN Senior Front End Developer	AUG 2024 – PRESENT
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As a Senior Front-End Developer at Zimmer Biomet, I contribute to the development of ZBEdge® Analytics, a cutting-edge data platform that delivers intra-operative, mobility, and outcome insights directly to surgeons. I work on developing new features and sophisticated data tables, utilizing Vue 3, Pinia, TypeScript, and Plotly. My efforts focus on integrating and presenting data from Persona IQ®, ensuring an intuitive, data-driven experience for medical professionals.

- Led the architecture and development of an advanced data table to effectively present large patient post-operative data sets to clinicians, enhancing data accessibility and decision-making.
- Pioneered Zimmer Biomet's first front-end testing suite for the ZBEdge Analytics application, utilizing Vitest to ensure robust, reliable code quality and improve testing efficiency.
- Researched and engineered an innovative solution to overcome Plotly's limitations with grouped, stacked floating bar charts, significantly enhancing data visualization capabilities.
- Architected and developed dynamic information modals across the ZBEdge® Analytics application, improving user experience by delivering context-sensitive insights seamlessly.

Semsee - Brooklyn, NY
Front End Developer II

DEC 2022 – FEB 2024

Conduct ongoing analysis of front-end environment and user interface issues, proactively identifying and addressing areas requiring improvement, demonstrating a commitment to maintaining a high-quality user experience. Collaborate with Product and Back-End developers to conceptualize and develop new features, fostering cross-functional teamwork/innovation.

- Refined the architecture of critical areas within the React application, significantly improving system performance while demonstrating advanced problem-solving and technical expertise.
- Established comprehensive testing procedures to strengthen application reliability, ensuring the delivery of robust and dependable software solutions.
- Accelerated front-end development velocity by integrating the MUI library, eliminating redundant libraries, and streamlining feature delivery.
- Improved code quality and system reliability by reducing complexity and optimizing stability across the application.

Interactive Brokers - Greenwich, CT
Front-End Developer

MAY 2022 – DEC 2022

Managed maintenance and issue resolution for a Vue component library, ensuring its stability and functionality..

- Addressed and resolved issues within the existing Vue component library, significantly enhancing both usability and performance across the application.
- Proposed and championed a forward-thinking micro front-end architecture, tackling development challenges and driving a more efficient, scalable development process.

Sittercity - Chicago, IL
Senior Front End Software Engineer

JAN 2022 – MAY 2022

Created visually appealing and intuitive user interfaces that align with user experience best practices. Ensured responsive design for optimal performance on various devices. Integrated front-end components with back-end services and databases, while collaborating with back-end developers to ensure seamless data exchange.

- 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.

Dakota Software - Cleveland, OH
Front-End Developer III

OCT 2021 – JAN 2022

Introduced a greenfield Vue application architecture, establishing a scalable and maintainable foundation for future front-end development.

CastleBranch - Wilmington, NC
Front-End Developer II

DEC 2018 – OCT 2021

Mentored and provided expert guidance to a team of developers, facilitating the creation of new applications and features using Vuetify & Vue 2, fostering skill development and collaboration within the team. Assessed the feasibility of UX designs, offering insights and recommendations to enhance user experience and streamline development.

- Optimized application accessibility and performance, ensuring seamless and efficient end-user experience.
- Led application refactoring initiatives to eliminate reliance on costly off-the-shelf frameworks, optimizing resource utilization and significantly improving application efficiency.

Vanguard via LiquidHub contract - Malvern, PA

AUG 2016 – NOV 2017

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