

# Sophia Wilson

Software Engineer

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## SUMMARY

A creative and detail-oriented Software Engineer with 3 years of experience specializing in frontend development. Proficient in JavaScript and modern frameworks like Vue.js, with a passion for building beautiful, responsive, and highly interactive user interfaces. Excels at collaborating with UI/UX designers to bring their vision to life.

## STRENGTHS

**Modern Frontend Development:** Expertise in JavaScript (ES6+), Vue.js (including Vuex and Vue Router), HTML5, and CSS3/SASS for building complex single-page applications (SPAs).

**UI/UX Collaboration:** A strong eye for design and a passion for working closely with designers to ensure a high degree of fidelity between mockups and the final product.

**Component-Based Architecture:** Skilled in building applications with a modular, reusable, and maintainable component-based architecture.

**Frontend Performance:** Knowledgeable about frontend performance optimization techniques, including code splitting, lazy loading, and minimizing render-blocking resources.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML5, CSS3/SASS

**Frameworks & Libraries:** Vue.js, Vuex, React, Node.js, Webpack, Vitest

**Tools & Methodologies:** Git, Figma, Storybook, Agile, Unit Testing, E2E Testing (Cypress)

**Databases:** Firebase, PostgreSQL (for API interaction)

## PROFESSIONAL EXPERIENCE

**Frontend Engineer** | BrightLeaf Software | July 2022 - Present

- Develops and maintains the user interface for a large-scale data visualization platform using Vue.js and TypeScript.
- Collaborated with the UI/UX team on a complete overhaul of the application's design system, creating a reusable component library in Storybook that increased development velocity by 30%.
- Implemented state management using Vuex for complex application states, ensuring predictable data flow and easier debugging.
- Wrote comprehensive unit and end-to-end tests for critical user flows, ensuring a high-quality and bug-resistant user experience.
- Optimized the application's initial load time by 40% through code splitting and other performance tuning techniques.

## PROJECTS

**Interactive Dashboard with Vue.js:** Built a personal project that fetches data from a public API and displays it in an interactive dashboard with charts and data tables. The project was built with Vue.js 3 and showcases skills in API integration, state management, and data visualization.

## EDUCATION

**Bachelor of Science in Computer Science** | North Carolina State University | 2018 - 2022