

# Steven Vaughn

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## Skills

**Languages & Frameworks:** HTML, CSS, JavaScript(ES6+), Typescript, React, Next.js, PHP, Twig, SCSS, Storybook, GSAP, jQuery, YAML

**Technologies:** Git, Docker, Composer, Drupal, Acquia, Wordpress, Gulp, Webpack, Chromatic, GraphQL, Cludo, Gatsby, MySQL, PostgreSQL, Simpleview API, Crowdriff API, Frase, Google Analytics

## Engineering Experience

**Website Developer**, Miles Partnership – Lakewood, CO

October 2021 – Present

- Built and maintained WCAG-compliant websites with a focus on accessibility, performance, and responsive design.
- Developed reusable, accessible components using React, Storybook, and Chromatic, standardizing design across client projects.
- Audited and resolved accessibility issues using UsableNet AQA and Lighthouse, aligning with WCAG 2.1 and improving usability for assistive tech users.
- Collaborated in Agile and Sprint teams using Git, Wrike, Acquia, and Docker for version control, deployment, and task tracking.
- Led the full development life-cycle of [MilesPartnership.com](https://milespartnership.com), from architecture to launch, and collaborated regularly with company leadership to align technical execution with business goals.
- Built full-stack decoupled sites using Next.js, TypeScript, and GraphQL with Drupal APIs.
- Optimized site performance via lazy-loading, image compression, and bundling strategies, improving Core Web Vitals scores by 25% across client sites.
- Translated Figma wireframes into responsive, pixel-perfect web interfaces in collaboration with UX designers.
- Mentored junior developers and contributed to team documentation, improving onboarding speed and code consistency.

## Projects

**[ExploreAsheville.com](https://exploreasheville.com)**, Full-stack Website Developer (*Next.js + Drupal + GraphQL + Storybook + Chromatic*)

- Contributed front-end development to a high-traffic tourism site using a decoupled architecture.
- Built reusable components in TypeScript and React, documented and tested them in Storybook for visual QA and consistency.
- Used GraphQL to dynamically render content from Drupal APIs.
- Integrated Simpleview API to fetch and render interactive forms, enabling dynamic content submission while maintaining site branding.

**[VisitMusicCity.com](https://visitmusiccity.com)**, Full-stack Website Developer (*Drupal + HTML + PHP + Twig + SCSS + JS + GSAP + React + SQL*)

- Implemented Drupal 11 Single Directory Components (SDC) to streamline templating and enhance front-end maintainability.
- Developed a React faceted search component, integrating extranet data to significantly improve the performance of listings grid pages.
- Built reusable, modular JavaScript classes leveraging GSAP to power site-wide animations and custom timeline-based transitions for key interactive components.

## Education

**Flatiron School** – Certificate in Software Engineering

September 2021

**University of Colorado-Boulder** – Doctor of Musical Arts (DMA) in Tuba Performance & Pedagogy

July 2018

**University of Colorado-Boulder** – Master of Music (MM) in Euphonium Performance

May 2015

**Ithaca College** – Bachelor of Music (BM) in Music Education and Performance

December 2012