Jessica Vaughn - Software Engineer | Full Stack Developer

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Ruby, HTML, CSS | **CMS:** Drupal
Frameworks/Libraries: React, Node.js, Flask, Rails, RESTful APIs, Tailwind, Sass, Twig
Databases: MySQL(SQL), MongoDB(NoSQL) | **Tools:** Git, GitHub, Docker, Gulp

TECHNICAL PROJECTS

Stitch Fix Clone [GitHub](#)   **Oct 2023**
Front-end clone of Stitch Fix September 2023 home website
- Utilized React, HTML, and CSS to build a responsive and interactive UI, highlighting a high-level of proficiency in front-end development and meticulous attention to detail.
- Implemented dynamic content rendering, demonstrating a strong proficiency with React state management and data structures.
- Ensured the cloned website is responsive on various screen sizes and devices, showcasing expertise in creating user-friendly experiences across platforms.

La Junta Crafts [GitHub](#)   **July 2023**
Browse, purchase, and review products through e-commerce website
- Integrated the PayPal API to ensure a smooth and secure user checkout experience, resulting in increased conversion rates and customer satisfaction.
- Utilized Flask-RESTful extension to develop a robust API and routes, streamlining data interaction and enhancing application performance.
- Implemented yup and Formik for frontend form validation, ensuring data accuracy and a seamless user experience by preventing errors and invalid form submissions.

PROFESSIONAL EXPERIENCE

Web Developer | Fountain City Brass Band   **Oct 2023 - Present**
- Redesigned and optimized a tailored UI and subsequently developed a brand-new Drupal website, enhancing user experience and site functionality.
- Migrated WordPress site content to Drupal, resulting in improved site performance and enhanced security.
- Achieved a 75% reduction in client annual costs, optimizing resource allocation and eliminating paid-tier products while improving service quality.

Full Stack Developer | La Junta Crafts   **June 2023 - July 2023**
- Led the end-to-end Software Development Life Cycle, successfully delivering a customized retail website that surpassed client expectations.
- Implemented secure OIDC Google login and integrated it with local login mechanisms to enhance system security through robust encryption.

Software Engineer | Flatiron School   **Jan 2023 - July 2023**
- Developed diverse applications using a tech stack encompassing JavaScript, React, Python, Flask, and SQL.
- Specialized in crafting custom responsive CSS for each application, ensuring a polished and unique user interface across devices.
- Demonstrated expertise in object-oriented languages, showcasing a strong command over the foundational principles and practices in software engineering.

Director of Bands | Cherry Creek High School (Greenwood Village, CO)   **Aug 2021 - July 2023**
- Tailored instruction to meet the unique needs of 190 students enrolled in instrumental music courses, ensuring an inclusive and effective learning experience.
- Led the marching band to an unprecedented 3rd place state ranking in 2021, surpassing the previous highest ranking of 5th place in school history.
- Organized and directed more than 45 performances and coordinated a national band performance trip.

Director of Bands | Gateway High School (Aurora, CO)   **Aug 2015 - July 2021**
- Grew instrumental music student enrollment by 44% in two years, resulting in a 100% full time staffing increase for the department.
- Served as district instrumental music teacher leader, representing 40 music teachers over a two-year term and resulting in a 500% increase in district-provided professional learning opportunities for teachers.
- Spearheaded the planning and execution of 120 performances and coordinated two music department performance tours during my six-year tenure.

EDUCATION

Software Engineering Certificate | Flatiron School   **July 2023**
Full Stack Web Development, JavaScript, React, Python, Flask, and SQL program

MA in Music Education | Ithaca College (Ithaca, NY)   **Aug 2019**
Graduated with 4.0GPA

BA in Music Education | University of Colorado (Boulder, CO)   **May 2015**
Graduated with Honors - 3.73GPA