

Jessica Vaughn - Software Engineer | Full Stack Developer

Denver, CO | 303-748-6515 | jessica.vaughn619@gmail.com

[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

TECHNICAL SKILLS

Languages: JavaScript ES6, Python, Ruby, HTML, CSS

Frameworks/Libraries: React, Flask, Ruby on Rails, RESTful APIs, Tailwind

Databases: MySQL(SQL), MongoDB(NoSQL) **Tools:** Git, GitHub, Bcrypt, OIDC, Render

TECHNICAL PROJECTS

La Junta Crafts [Live Site](#) | [GitHub](#)

July 2023

Browse, purchase, and review products through e-commerce website

- Integrated OIDC Google login with local login utilizing Bcrypt across Flask/React frameworks.
- Implemented PayPal API for seamless user checkout experience.
- Utilized Flask-RESTful extension to build API and routes.
- Used yup and Formik for frontend form validation.
- Wrote validations and constraints for database models in Flask.
- Managed state with useContext and useState hooks.
- Created responsive design using Tailwind and custom CSS.

PROFESSIONAL EXPERIENCE

Freelance Full Stack Developer

May 2023 - Present

- Designed, built, deployed, and maintained e-commerce website for small business.

Director of Bands | Cherry Creek High School | Greenwood Village, CO Aug 2021 - July 2023

- Differentiated instruction for 190 students across four band courses and one piano course.
- Earned highest state marching band ranking in Cherry Creek High School history in 2021.
- Co-organized over 45 performances and one national band performance tour.
- Supervised five instructional staff members in the extracurricular marching band program.
- Utilized Schoology as a learning management system to communicate progress with students.

Director of Bands | Gateway High School | Aurora, CO

Aug 2015 - July 2021

- Utilized Google Classroom as a learning management system to design and implement remote band and piano curriculum for 120 students.
- Grew instrumental music program from 125 to 180 students in two years.
- Increased full-time instrumental music staffing to support student retention data.
- Served as district instrumental music teacher leader for two years.
- Organized over 120 performances and two national music department performance tours.
- Supervised four instructional staff members in both curricular and extracurricular band activities.
- Managed and reported on six budget lines annually.

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