

Jessica Vaughn | Software Engineer

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

SUMMARY

Full stack software engineer with extensive background in education and web-development. Dedicated to crafting impactful solutions and driven by an appreciation for details. I thrive in collaborative environments and actively engage with peers to develop innovative ideas. I embrace new technologies in the pursuit of lifelong learning.

SKILLS

JavaScript, React, Python, Flask, Ruby, Ruby on Rails, SQL, HTML, CSS, Tailwind

FEATURED PROJECT

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

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.

EXPERIENCE

Freelance Software Engineer

05/2023 - present

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

Cherry Creek School District & Aurora Public Schools

Greenwood Village & Aurora, CO

Instrumental Music Teacher

08/2015 - 07/2023

- Grew Gateway High School instrumental music program from 125 to 180 students in two years.
- Successfully advocated for increasing full-time instrumental music staffing to support student retention data.
- Served as district instrumental music teacher leader for two years in Aurora Public Schools.
- Differentiated instruction for 190 students daily at Cherry Creek High School.
- Earned highest state marching band ranking in Cherry Creek High School history in 2021.
- Managed nine instructional staff members over an eight year career.
- Managed and reported on six budget lines annually.

EDUCATION

Flatiron School

Denver, CO

Software Engineering Certificate

07/2023

Full Stack Web Development, JavaScript, React, Python, Flask, and SQL program

Ithaca College

Ithaca, NY

Master of Music - Music Education

08/2019

University of Colorado Boulder

Boulder, CO

Bachelor of Music - Music Education

05/2015