Jessica Vaughn - Software Engineer | Full Stack Developer

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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, Docker, Bcrypt, OIDC, Render

TECHNICAL PROJECTS

La Junta Crafts Live Site **|** GitHub   **July 2023**
Browse, purchase, and review products through e-commerce website
- 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

Webmaster | Fountain City Brass Band   **May 2023 - Present**
- Maintained WordPress site for non-profit clients.

Full Stack Developer | La Junta Crafts   **June 2023 - July 2023**
- Planned, built, deployed, and maintained a custom retail website for clients.
- Integrated OIDC Google login with local login utilizing Bcrypt across Flask/React frameworks.

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.
- 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.
- Served as district instrumental music teacher leader for two years.
- Organized over 120 performances and two national music department performance tours.

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