

# Jessica Vaughn

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[LinkedIn](#) | [Github](#) | [Blog](#) | [Portfolio/Website](#)

## SOFTWARE ENGINEER

Full stack developer with command of JavaScript, React, Python3, SQL, HTML, and CSS. Passionate about learning and strive to constantly improve upon and expand my skill set. Seeking employment in front-end, back-end, or full-stack web development.

## TECHNICAL SKILLS

JavaScript, React, Python3, Flask, SQL, HTML, CSS, Git, SQLite, SQLAlchemy, Next.js

## TECHNICAL PROJECTS

### Brewery Tap List (React) - [Github](#) | [Demo](#)

Track inventory and manage current beer list for small to large breweries

- Utilized controlled form for users to add new beers to inventory
- Built filter for users to easily search for beers by name or style
- Leveraged state to update inventory, on tap list, and coming soon list
- Incorporated dynamic client-side routing
- Designed custom CSS utilizing UI Semantic

### Locker Inventory (Python3, SQLAlchemy, & Alembic) - [Github](#) | [Demo](#)

Command Line Interface to manage locker assignments utilizing a SQL database

- Built and seeded a database using SQLAlchemy with many-to-many relationships
- Utilized Alembic to manage database migrations
- Wrote custom query methods to implement CRUD interactions with database
- Instantiated CLI to connect user interface with database

### Wufr - An App for Single Dogs (JavaScript) - [Github](#) | [Demo](#)

Swipe through random dog images and save or delete favorite ones

- Interacted with Dog CEO API to render random dog images
- Persisted favorite dog images through POST and DELETE requests to JSON file
- Incorporated toggle container to hold favorite dog images
- Designed custom CSS for single page application

## EXPERIENCE

### Cherry Creek School District

Greenwood Village, CO

Assistant Band Director - Cherry Creek High School

08/2021 - 05/2023

- Differentiated instruction for 190 students in grades 9-12 on a daily basis
- Organized and led 16 curricular concerts and 20 marching band performances
- Managed five marching band staff members; earned highest state ranking in school history

### Aurora Public Schools

Aurora, CO

Band Director - Gateway High School

08/2015 - 07/2021

- Grew program from 125 to 180 students in first two years
- Successfully advocated for increasing full-time instrumental music staffing to support student retention data
- Managed and reported on six budget lines annually
- Served as instrumental music teacher leader for two years; advocated for 40 music teachers
- Designed and implemented differentiated curriculum aligned with the Colorado and National Music Standards
- Oversaw and provided feedback to four music teachers as support staff for extracurricular music activities

## EDUCATION

### Flatiron School

Denver, CO

Software Engineering Certificate

06/2023

Full Stack Web Development, JavaScript, React, Python3, 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