

# Jackson J Prince

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# Full Stack Web Developer

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

## PROFILE

A coder at heart with a diverse creative background, I'm quality-focused and always prioritizing customer needs. As I transition career paths, I'm eager to utilize my keen eye for detail, passion for UX / UI, and technical & interpersonal skills to make meaningful, beautifully engineered, robust code as a web developer.

## SKILLS

JavaScript, Python, React / Redux, Flask, Express, PostgreSQL, HTML / CSS, Node.js, SQL, Flask, Audio Engineering

## TECHNICAL EXPERIENCE & PROJECTS

**Consilium** | (JavaScript, React / Redux, Python, Flask, SQL-Alchemy, AWS, Bootstrap)

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- Developed a music player with the **Wavesurfer.js** library and **React** to provide a familiar user waveform interface for professionals in the audio production world.
- Implemented remote audio file uploads with **AWS S3** to make audio streamable, reducing server loads and decreasing load times for a smoother, more seamless user experience.
- Utilized a custom-made **React** component establishing communication between users and their clients with a commenting feature using **Redux** to track state and minimize page reloads, providing a more responsive and immediate user experience.

**Middle8** | (JavaScript, React / Redux, PostgreSQL Sequelize, Express, AWS, CSS)

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- Designed a custom, responsive audio player using **React** providing the end user with an intuitive recreational listening experience with no loss in audio-quality.
- Diminished server loads and improved scalability of the growing song library by utilizing **AWS S3** to host audio files served to the front end with backend authentications.
- Implemented user authorization using **Bycrypt.js** to generate one way password hashing to prevent rainbow table attacks while providing a familiar and secure user experience.

**Median** | (JavaScript, Express, PostgreSQL Sequelize, Pug, CSS)

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- Implemented **restful API** endpoints to surface database information to the frontend in a consistent and readable way that conforms to modern, coding best practices.
- Incorporated responsive **CSS** with a dark mode feature to enhance overall **UI / UX** design.
- Developed relational database schema in **PostgreSQL** for more verbose and efficient querying while reducing lookup times.

## ADDITIONAL EXPERIENCE

**Recording / Mixing Engineer** - Broadway Music Studios

Oct 2014 - Present

- Coordinated the weekly scheduling of incoming clients, eliminating scheduling conflicts and maximizing profit-potential.
- Efficiently engineered high-fidelity, detail oriented mixes to over **50** artists in a multitude of genres by utilizing a bespoke approach to recording and mixing that utilizes both a digital and analog workflow.

**Barista / Trainer** - The Laughing Goat Coffeehouse

Nov 2016 - Mar 2020

- Prioritized the customer service experience in a fast-paced work environment, creating genuine and professional interpersonal relationships with 'regulars'.
- Trusted with daily stock management of over 100 different perishable goods and weekly orders of said goods from **6** different vendors.
- Provided on-the-job training to a team of **> 12** new employees annually, enabling both their personal growth and the success of the business by maintaining a high level of customer satisfaction.

## EDUCATION

**AppAcademy** | Full Stack Software Engineering

Dec 2020 - May 2021

- Rigorous +1000-hour software development course with < 5% acceptance rate.
- Coursework included: Design patterns, Test-Driven Development, Scalability, Algorithms, Object Oriented Programming, REST, and Coding Best Practices.

**University Of Colorado**

Dec 2012 - May 2015

Major: Advertising and Media Design