

# AUSTIN HALL

SOFTWARE DEVELOPER

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## PROJECTS

### POPPINS SHOPPINGS

[Live](#) | [GitHub](#)

*A clone of sites like Etsy and Amazon for selling products and leaving reviews on said products.*

- Established **RESTful** routes in the backend utilizing **Flask** and **SQLAlchemy** to create a lighter and quicker application and smoother user experience (UX), reducing load time by 30%.
- Employed **PostgreSQL** as the **Relational Database Management System** to structure a backend database for users to access, update, and remove data.
- Developed **React.js** frontend components to facilitate client interaction with the backend database, keeping the code structures DRY and reusable, and achieving a 35% increase in rendering efficiency.

### MUSIC HAZE

[Live](#) | [GitHub](#)

*A clone of Soundcloud that allows users to upload and remove songs, as well as leave comments on one.*

- Implemented **React** for the frontend and **Redux** for state management to list all songs currently in the database via an assortment of sort-by methods.
- Incorporated audio and image upload functionality, with **AWS S3** employed in the backend, to integrate users interacting with the website and maintain database organization.
- Collaborated with team members to manage code flow using **GitHub**, actively contributing to daily stand-ups and code reviews, boosting project efficiency by 20%, and ensuring on-time product delivery.

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## TECHNICAL SKILLS

JavaScript, Python, Java, SQL, HTML & CSS, Flask, React, Redux, PostgreSQL, SQLAlchemy, Sequelize, Express, Node.js, Amazon Web Services (AWS), Git/GitHub

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## WORK EXPERIENCE

### BARISTA

Nov 2021 – July 2023

Starbucks, Irvine, CA

- Executed food and beverage service operations, adhering to industry standards and ensuring customer satisfaction through prompt and efficient delivery.
- Acted as an assistant mentor to a dozen junior employees on the floor to ensure a seamless transition from trainee to coworker, improving onboarding efficiency by 15%.

### CUSTOMER SERVICE ATTENDANT

Sept 2021 – Nov 2021

Live Nation, Irvine, CA

- Provided technical assistance and ensured a seamless event experience by directing guests to relevant resources, authenticating guest ticket validity, and resolving issues promptly.
- Enforced safety protocols for future events by contributing to post-event operations to maintain venue cleanliness and safety standards.

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## EDUCATION

CERTIFICATION, Full Stack Web Development

App Academy – May 2024

BACHELOR OF ARTS (B.A.), Commercial Music | Audio Recording

Azusa Pacific University – Dec 2021