

Andrew Watkins

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[Linkedin](#)

[Github](#)

[Portfolio](#)

SKILLS

React, Redux, Javascript, SQL, Express, Sequelize, Python, Flask, AWS, SQLAlchemy, Git, HTML5, CSS3, Agile, RESTful API

TECHNICAL EXPERIENCE & PROJECTS

Waveform (Flask, React, Redux HTML5, AWS, Python, Flask, SQLAlchemy, CSS3, Agile)

[Live Site](#) | [Github](#)

A fullstack single-page Spotify clone where users can add songs, create playlists, and play music.

- Leveraged CSS and HTML manipulation to re-create the Spotify **UI/UX** to provide a familiar, consistent user experience
- Utilized **React** to only fetch songs and playlist info from **Flask** Backend on an as needed basis
- Connect React components into html audio API context to allow users to queue song utilizing **React's store** for audio playback
- Combined **SQLAlchemy Database** and **AWS** to store song files and user images, allowing for faster fetching times and delivery of high-quality Audio Playback

Speak Easy (Javascript, React, Redux HTML, CSS, Python, Flask, SQLAlchemy, Agile)

[Live Site](#) | [Github](#)

A fullstack small size event planner where users can create events, RSVP, send messages and invite other users.

- Prioritized ease of use by placing a heavy emphasis on **SQLAlchemy queries** to fetch associations for the current user, allowing users to easily invite friends to private events
- Utilized **React state** management in order to store user data on login, allowing instantaneous views of updates without refresh of the page for a seamless user experience
- Designed UI with the goal of streamlining user event creation and keeping track of currently RSVP'd events by utilizing **Redux** to store User information and update the **HTML** page dynamically

Shuffled (Javascript, React, Redux HTML, CSS, express, sequelize, Agile)

[Live Site](#) | [Github](#)

A fullstack Untapped clone where users can add playing cards, build collections, and add reviews.

- Implemented an abstract **CSS** design that increased user engagement by prioritizing intuitiveness when interacting with frontend functionality
- Designed form modals that allow for ease of use, connecting frontend forms to **React** to keep website updated dynamically
- Connected **React State** to **express** backend to access **SQL** database with express queries and update Redux store

EDUCATION

App Academy- Full Stack Software Engineering

2021

- 24-week intensive, full stack development program spanning 1000+ course hours with a < 3% acceptance rate
- Coursework included: Object Oriented Programming (OOP), REST, Systems Design, Coding Best Practices, Data Structures, Algorithms, Test-Driven Development, Pair Programming, Agile/SCRUM Methodologies

ADDITIONAL WORK & LEADERSHIP EXPERIENCE

Svendsson Brothers Construction, Project Lead, Fabricator & Designer Austin, TX

August 2014 - December 2020

- Led project team on custom, residential projects, managing > **3 large scale projects** annually, totaling > **\$500,000**
- Managed project budgets and timelines for teams of **3 - 4 personnel**, prioritizing accountability and efficiency in order to maintain productivity and achieve scheduled targets
- **Increased customer satisfaction** and repeat business through relentless pursuit of resolutions to problems arising from remodels, protecting company reputation, and establishing a loyal client base

Trinity Steel Fabricators, Inventory Manager & Quality Inspector Trinity, TX

October 2011 - March 2014

- Coordinated tracking and management of multiple product shipments per week worth > **\$1 million**
- Managed training, scheduling, and task delegation for a 4-member warehouse team focusing on meeting and exceeding both team and company goals
- Streamlined inventory processes, improving material organization, increasing shipment efficiency, and minimizing monetary loss through careful quality control and monitoring
- Performed routine audits to confirm work complied with quality and OSHA safety standards