

Charles Carroll

Software Engineer

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TECHNICAL SKILLS

React.js, Redux, JavaScript, HTML, CSS, PostgreSQL, Node.js

PROJECTS

Sound Voyage

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

Sound Voyage is an application for those who need to find new music not influenced by pop culture.

- Constructed dynamic forms using React and redux to allow users to upload albums with a custom number of songs.
- Implemented a system for users to upload mp3 files that get stored in an AWS S3 bucket with a UUID so that files uploaded can't be overwritten.
- Integrated React H5 Audio Player to allow users to listen to mp3 files uploaded by all users.
- Created a backend API using Express a to allow users to interact and create data that is stored in a Postgres database.

Purrrfolio

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

- Curated custom candlestick charts using Apex Charts on the front-end that took in relevant data so that said data could be easily visualized by all users that are logged in.
 - Invoked a custom third-party API call to fetch up-to-date stock history data that allowed users to see current stock history.
 - Produced a custom user watchlist using a React and Redux front end to make it so the user could seamlessly create and switch between watchlists and edit and delete them so that they could keep track of the stocks they are interested in.
 - Assembled multiple pages using CSS to follow a wireframe so that all pages followed a general theme.
 - Accomplished working in a team setting by using git gesture branches and working with our scrum master to best set up the team for the success of the application.
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WORK EXPERIENCE

Stage Hand

Oct 2022 – Present

Generations A/V, Houston TX

Generations A/V is a company used to mainly set up mid-sized concerts around the Houston area. They also work on private events, sporting events, and general A/V solutions for businesses.

- I work with a team of people who listen to a rotating group of leaders to set up and tear down concerts for the city of Houston to enjoy.
- While setting up concerts and tearing them down it is imperative that I listen to instructions explicitly and follow them thoroughly to keep everyone, including myself, safe.

Oyster Shucker

Jun 2021 – Aug 2023

ACME Oyster House, Houston TX

- I shucked oysters to order for customers to enjoy all while following food safety standards to prevent illness in our customers.
 - While shucking oysters I was also responsible for taking orders and interacting with guests on a day-to-day basis.
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EDUCATION

Certificate in Software Engineering

App Academy – 2023