

AARON TUFTS

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SKILLS React, Redux, Node.js, Express.js, PostgreSQL, Javascript, Python, Flask, Git, Docker, HTML, CSS, SQL, AWS

PROJECTS

BIG BEAR VISITS (Express, ReactJS)

[live](#) | [github](#)

Scalable Vacation Rental Software Themed In Big Bear Lake, CA

- Integrated Google Maps API with the Geocode API and custom search functionality to dynamically present available properties based on user parameters.
- Designed dynamic data-visualizations with Javascript implemented algorithms based on all actions possible associated with the user's profile.

WINEAUX (Flask, ReactJS)

[live](#) | [github](#)

Dynamic Social Media Platform For Discovering And Reviewing New Wines

- Ensured application security through frontend and backend authentication measures allowing users to only access and make changes to their own records.
- Developed user autonomy by linking their discovered wines and created reviews to their account, allowing for fast and efficient post editing and deletion.
- Utilized Redux architecture's unidirectional data flow with React for predictable state and reliable DOM rendering.

Email Verification (Flask, Javascript & HTML)

[live](#) | [github](#)

Free Email Verification Browser Extension

- Easily verify the deliverability of any email address with this Google Chrome Extension - 30+ Active Users
- Successfully deployed a Flask API on Python Anywhere to run a verification process based on parameters defined by the user's input.

AUDIOBYTE (Express, ReactJS)

[live](#) | [github](#)

Music Streaming Application With An Optimized User Interface

- Designed a universal search component that queries both the local database and Deezer's REST API allowing the user to find both locally uploaded music as well as any song on major streaming platforms.
- Integrated React Player with Redux's global store by dispatching actions only when sharing information across components and encapsulating music player data to give the user a seamless, uninterrupted experience.

EXPERIENCE

Tech Support / Data Entry

Destination Big Bear

Oct 2018 - March 2019

- Integrated fixes in the company's software saving over 2 hours of company time daily.
- Streamlined data from Airbnb and VRBO into our company's database resulting in an organized collection of records for future access.

Owner / Operator

NKY Gear

Jan 2020 - Dec 2021

- Managed an 1,800 square foot warehouse in Erlanger, Kentucky primarily selling appliances.
- Generated sales via FaceBook Marketplace resulting in an average of \$6,000 in monthly cash flow.
- Sustained customer satisfaction by offering a warranty and returns on all products purchased as well as delivery if necessary. Focusing on customer satisfaction generated an increased rate of returning customers.

EDUCATION

Web Development - App Academy | January 2022

(AS) Applied Sciences - Ivy Tech Community College | 2016 - 2018