

SKILLS: React | Redux | JavaScript | NodeJs | Python | SQLAlchemy | Flask | Docker | SQL | HTML5 | CSS3

PROJECTS:

LiveHangouts *Python, ReactJS, Redux, Flask, Docker, HTML5, CSS3*

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

LiveHangouts provides a platform for hosting events online utilizing JavaScript front-end and Python back-end.

- Implemented a controlled filtering system using **ReactJS** based on categories for hangouts that dynamically updates the display to improve user experience.
- Utilized **Docker** for managing deployments of changes to live site to reduce load times and promote scalability.
- Built a User Auth system with **Python** and **Flask** incorporating media and statistical tracking to allow users to see contributions to the site and feel secure about their information upon sign up.

Rain-Cloud *ReactJS, Redux, Express, HTML5, CSS3*

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

Rain-Cloud is an application home to various user-submitted background audio files made with JavaScript.

- Integrated a media player from **React-H5-audio-player** for the sounds component which enables play/pause, looped playback, and volume control to vastly improve user experience and increase application responsiveness.
- Built a playlist component using **ReactJS** to organize sounds into specific playlists that dynamically updates to reduce load time and complexity of playlist editing.
- Developed a custom random color selector function in **HTML** and **CSS** within a certain range to show differentiation between sounds, improving UI and UX sitewide.

Instagramme *ReactJS, Flask, Docker, AWS S3, HTML5, CSS3*

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

Instagramme is a photo-sharing application featuring a home feed built using JavaScript and Python.

- Utilized **AWS S3** and a preview component to incorporate user image uploads and preview the uploaded image helping to reduce server load and allow for scalability of image and post services.
- Developed a many-to-many relationship for followers with **Flask** between users and users using a follows join table in order to condense database tables and reduce back-end code.
- Produced a seamless home feed for users showing posts from others they follow utilizing **HTML** and **CSS** along with **ReactJS** to provide a clean modern style for users exploring the application.

EDUCATION:

AppAcademy - 1000-hour immersive full-stack web development with topics such as: *Test-driven development / Object Oriented Programming / REST / Troubleshooting / Databases / Single-page apps / Scalability / Algorithms*

2021

University of Kentucky - *BS in Health Sciences*

2014 - 2017

EXPERIENCE:

Clinical Laboratory Scientist

Honorhealth Shea Medical Center

July 2020 - May 2021

- Consistently utilized multitasking to successfully manage 3 departments of the clinical lab to meet turn-around times for over 500 specimens while ensuring accurate results.
- Collaborated with managers on projects to integrate new software into the lab and instruct coworkers on usage in order to establish good communication on changes and maintain efficiency.

Clinical Laboratory Scientist

Methodist Medical Center

Feb 2018 - Feb 2020

- Trained new employees in 4 different departments on off-shifts to increase lab productivity numbers and ensure proper result reporting.
- Conducted frequent maintenance on hardware and software in multiple departments to promote innovation for lab procedures and communication between departments.