Frontend: React | Express | Angular | Javascript | PythonServer: Node.js | Express | Flask | Sequelize | SQLAlchemyBackend: Javascript | Python | Redux | PostgreSQL | MySQLOther Tools: Git | AWS | Heroku

TECHNICAL EXPERIENCE & PROJECTS

Software Engineer - Bio::Neos, Coralville, IA - Fully Remote

- Designed, implemented, and managed ~1-2 new features a week across several core projects from their respective roadmaps.
- Converted legacy **Angular** and **React/Native** code to current standards and technologies to aid in both continuous development and deployment.
- Routinely reported to **President** and **Co-President** about the state of features and shifted focus based on client demand and/or company need.
- Effectively communicated via the internal **Project Tracker** periodically to log progress and write entries for new solutions and features.

Technical Support Analyst - CrossLink, Orlando, FL

- Provided troubleshooting and technical assistance for issues with the CrossLink software via screen sharing, testing/issue replication and demonstrating how to circumvent problems on their own.
- **Onboarded > 1000 customers** by setting up local and private homegroup networks to allow seamless communication and connectivity between the different workstations in a given office in which the CrossLink software was to be used.
- Navigated customers through software to ensure efficiency and comprehensibility of features and options based on their needs.
- Conducted, ~20 daily outbound calls detailing and assisting the resolution of internal tickets for issues that required in-depth research or a patch/software update to fix.

FilmUp (JavaScript , Node.js , Express , Postgres , Pug , HTML5 and CSS3)

A collaborative Fullstack clone of GoodReads, where users can leave reviews and 'vault' movies.

- Composed **Sequelize queries** to fetch all movies from the **Postgres** database to showcase our recently added catalog of movies.
- Built the landing page using **Express**, allowing a user to view information about an individual movie along with CRUD functionality for reviewing, 'vaulting', and watching.
- Developed AJAX functions to allow users to select whether a movie has been watched without a page re-render.

Gamendar (Python , Javascript , React , Redux , Flask , Express , Postgres , HTML, CSS, and AWS)

Calendar-centric and social application for video game releases.

- Created a dynamic calendar using **Moment.js** to render an accurate calendar for the current month.
- Utilized React allowed for CRUD functions for commenting on any particular game on the corresponding day of release.
- Styled each calendar to display game art in an aesthetically pleasing manner using CSS.
- Maintained an Amazon Web Services (AWS) bucket that hosted game art, allowing art assets to be readily available and kept the application lightweight.

$\textbf{Cloudify} \ (Python\ , Javascript\ , React\ , Redux\ , Flask\ , Express\ , PostgreSQL\ , HTML\ , CSS\ and\ AWS)$

- A collaborative Fullstack application clone of SoundCloud where users can upload, review and play music from other users.
 - Manufactured a **Redux** store designed to assist with the changing state of which audio file is playing.
 - Constructed the PlayBar, a React component, to dynamically display the audio metadata for a currently playing song.
 - Collaborated using wavesurfer.js to provide the functionality to play, pause, and set the volume on a selected song.

EDUCATION

App Academy - Full Stack Software Development Online

• Rigorous 1000+ hour coding curriculum focused on full-stack development in collaborative and independent environments, including engineering fundamentals, such as: object-oriented programming (OOP), test-driven development (TDD), coding best practices, data structures, algorithms, scalability, systems design & architecture, and Agile/SCRUM methodologies.

Udemy - Advanced Python, MySQL Online

- Comprehensive coding course teaching entry to advanced level Python by Jose Portilla / Al Sweigart
- Immersive MySQL course that taught complex database creation and report building by Colt Steele.

Aug 2019-Dec 2019

Oct 2020-Apr 2021

Linkedin Github Portfolio

Software Engineer

Live Site | Github

Dec 2019-Mar 2020

Nov 2021-

Live Site | Github

Live Site | Github