

Nick Esqueda

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[Linkedin](#)

[GitHub](#)

Skills

React.js, Redux, Express.js, Flask, Sequelize, SQLAlchemy, Alembic, Node.js, HTML 5, CSS 3, JavaScript, Python, SQL, PostgreSQL, AWS S3, YouTube API, SocketIO, Heroku, Docker, Git, Github

Projects

Hologram *React.js, Redux, Flask, SQLAlchemy, JavaScript, Python, PostgreSQL, SocketIO, AWS S3* [live site](#) | [github](#)

A modern and friendly clone of Instagram, featuring live direct messaging and infinite scroll.

- Implemented **infinite scroll** and **pagination** in 3 hours without prior knowledge in order to largely benefit scalability and faster/more efficient load times utilizing **Flask SQLAlchemy** pagination methods
- Employed **Websocket** technology to provide **real-time** communication between users for a sleek, dynamic, and responsive user experience
- Designed and implemented a detailed algorithm to remove duplicates between **Redux Thunk** database query results and existing **Redux** state to facilitate straight-forward and concise **fuzzy search** functionality

Supercloud *React.js, Redux, Express.js, Sequelize, PostgreSQL, JavaScript, AWS S3, H5 Audio Player* [live site](#) | [github](#)

An imaginative and excitingly fresh recreation of the popular music streaming platform "SoundCloud".

- Leveraged the **NPM React H5 Audio Player** in conjunction with **Redux** state to foster a seamless and dynamic music streaming user experience while navigating the site and selecting music
- Devised an **algorithm** to suggest new music for users to listen to based on the popular artists in their "like" history for heightened user engagement and retention

YouTube *React.js, Redux, Flask, SQLAlchemy, JavaScript, Python, PostgreSQL, YouTube API, AWS S3* [live site](#) | [github](#)

A pixel-perfect clone of Google's most implicitly recognized platform for entertainment and research.

- Refactored and optimized old **Redux** store implementations to increase performance and reduce the time complexity of **React** component renders that required iteration over large sets of data
- Utilized the **YouTube API** after researching and parsing through documentation to generate thousands of **PostgreSQL** database records to present a thoroughly polished and familiar YouTube experience
- Applied **AWS** technologies to a **Python / Flask** backend for simultaneous backend upload of multiple file types, after previously implementing **AWS** technology in tandem with **JavaScript / Express.js**

Experience

Music Production / Mix + Mastering Engineer / Music Artist | 2018 - Present | Freelance | [Spotify](#)

- Delivered professional and clean audio mixdowns for music through **documentation parsing**, complex **problem solving**, and browsing for solutions.
- Successfully juggled music production, mix engineering, master engineering, artist booking, artist branding, collaboration projects, and social media presence to produce an intensely unique and diverse body of art.

Facebook Business Ads Manager | 2020 - 2022 | Freelance

- Drastically lowered Cost Per Conversion to under \$0.09 for an advertisement campaign with an industry average of >\$0.25 CPC, allowing for strong growth in brand awareness for a very low price
- Instructed and guided many others through the complicated set up process required to utilize the Facebook Ad Manager platform using excellent verbal communication.

Education

[App Academy](#) | Nov. 2021 - May 2022 | Online

1000+ hour immersive full stack software engineering course with a pair-programming driven learning style.

[Texas Lutheran University](#) | Pursued Bachelors of Art in Music | Spring 2016 | Seguin, TX