# Noel D. Mutia

507-469-5351 noelmutiadev@gmail.com PORTFOLIO GITHUB LINKEDIN

SKILLS React JS, Redux, Javascript, Python Flask, Node.js, HTML, CSS, SQL, PostgreSQL, Git, Express.js, Docker, SQLAlchemy Alembic/Sequelize ORMs, Web Development, RESTful APIs, Test Driven Development, Object Oriented Programing, AWS Cloud Services, Jinja

### **EDUCATION**

**Associate's Degree, Computer Science** - Minnesota State University, Mankato | 2018 - 2020 Relevant courses: Intro To programming, Data Structures & Algorithms, Comp Architecture and Operating Systems

Full Stack Software Engineer - App Academy | 2021 - 2022

## PROJECTS, APP ACADEMY

2021 - 2022

**TIMETUBE** (Redux, React Player, Python / Flask, SQLAlchemy / postgreSQL, HTML5, CSS3, JavaScript, AWS, Heroku) <a href="https://linear.google.com/linear.go

This is a soft clone of Youtube which uses videojs and aws to allow users to upload and watch videos

- Utilized Video Js to create a custom video player that allows users to view videos with options such as
  playback rate, download, player full screen which give users a smooth viewing experience.
- Created a Docker Container paired with heroku to implement a live site accessible anywhere to anyone.
- Implemented a useEffect with JavaScript FileReader to create preview images and videos for the users

**SOUNDTOWN** (Redux, React Player, Python / Flask, SQLAlchemy / postgreSQL, HTML5, CSS3, JavaScript, AWS) live) | github

This is a soft clone of SoundTown which uses ReactPlayer and AWS to allow users to upload and listen to music

- Built wireframes including class and id names, front and backend REST API routes for all Components prior to day one of coding the project which increased our solo/team collaborative efficiency by 30%.
- Used best practice time management and communication skills to work with the team. Using Github Project Boards to divide solo and team work increasing work time by over 15%.
- Implemented **Flask** and **AWS Cloud Services** for music and image file storage. Gives users access to upload songs, avatar, and a banner picture allowing for a more personalized experience.

**SNIPSTRS** React / Redux, ExpressJS, Sequelize / postgreSQL, HTML5, CSS3, JavaScript, Heroku, live | github

This is a clone of Flickr which allows the User to upload and view images

- Integrated albums using Express Join tables giving users the ability to create picture albums.
- Incorporated postgreSQL database to store all the backend information.
- Implemented **React UseEffect** to create an image slider for the splash page which changes the splash image every 6 seconds, giving users a beautiful welcome to the site.

## **EXPERIENCE**

#### Medical Assembler - Boston Scientific

January 2018 - September 2018

• Demonstrated abilities as a fast learner with the ability to adapt and excel in a new Environment. I utilized strong teamwork skills and maintained excellent interpersonal communication skills while dealing with team workers.