Noel D. Mutia

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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)
live | github
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 Containe**r 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.