

Noel D. Mutia

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SKILLS

- **Programming Languages:** React JS, Redux, JavaScript, Python Flask, Node.js
- **Frontend Technologies:** HTML5, CSS3, JavaScript, RESTful APIs, Jinja
- **Backend Technologies:** SQL, PostgreSQL, Express.js, Docker, SQLAlchemy Alembic/Sequelize ORMs
- **Version Control:** Git
- **Cloud Services:** AWS, Docker
- **Testing:** Test Driven Development
- **Other:** Object-Oriented Programming

EDUCATION

Minnesota State University, Mankato - A.S. in Computer Science

Aug 2018 - March 2020

Fullstack Software Engineer Graduate - App Academy

Oct 2021 - July 2022

FULLSTACK PROJECTS

TIMETUBE React, Python / Flask, SQLAlchemy / postgresSQL, 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 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 React, Python/Flask, SQLAlchemy/postgresSQL, 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

- Strategized Wireframe Designs to increase Backend and Frontend **API Routes**, resulting in 15%+ design time efficiency.
- Managed Github project boards and distributed tasks among 4 developers, resulting in increased workflow efficiency by 20%+, and additional time to add 4 more features.
- Created a user friendly experience by building an **AWS Cloud** container for music and image file storage.

SNIPSTRS React, ExpressJS, Sequelize/postgresSQL, 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 **postgresSQL** database with **ExpressJS Sequelize** to store user and picture information.
- Designed a **setTimeout** function in a **React useEffect Hook** to create a pixel perfect image slider.

PROFESSIONAL EXPERIENCE

IT Freelance Web Developer - Grace Life Solutions

Mar 2020 - Jun 2021

- Built and maintained a functional, fluid and secure Home Care Website hosted on **Siteground**.
- Automated 70%+ of workflow by integrating WordPress and Woo-Commerce and increased client callback by 25%+ by building interactive contact forms, popup newsletters, and a live chatbot.

Electronic Technician / Software Developer - NextEra Analytics

Nov 2022 - May 2023

- Responsible for enclosure preparation, mounting internal components (power supplies, network switches, terminal blocks), cutting and landing wires, and final acceptance testing of the electrical enclosure.
- Responsible for inventory management and preparation of final assembled equipment for shipment
- Worked on the development of a FullStack inventory management system using **ReactJs** for the frontend and **Python Flask** on the backend with **SQL** for the database