

Roya Peguero Martinez

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SKILLS JavaScript, Python, React, Redux, Express, Sequelize, PostgreSQL, SQL, Git, Node, Flask, SQLAlchemy, JSX, HTML5, CSS3

PROJECTS

LinkUp

[Live Site](#) | [Github](#)

A Meetup inspired web application (React, Redux, JavaScript, Express, Node, HTML, CSS, Sequelize)

- Developed a full-stack web application using an Express back-end and React front-end. Overcame numerous technical challenges to create a user-friendly application utilizing Express, Redux, and other tools
- Leveraged Git workflow in order to stay organized and easily track progress
- Utilized Render to deploy the web application, ensuring scalability and seamless integration with existing infrastructure

TuneSpace

[Live Site](#) | [Github](#)

A Soundcloud inspired web application (React, Redux, JavaScript, Python, Flask, SQLAlchemy, AWS, HTML, CSS)

- Collaborated with three developers to design, develop, and deploy a full stack web application using AWS, Render for hosting, React and Redux for front-end development, and Python and Flask for back-end development
- Utilized React H5 Audio Player to enhance and streamline user streaming capabilities
- Implemented AWS S3 to create a seamless audio/image upload to establish reliable and effective file management

Get The Bacon

[Live Site](#) | [Github](#)

A Remember The Milk inspired web application (React, Redux, JavaScript, Python, Flask, SQLAlchemy, HTML, CSS)

- Drew inspiration from *Remember The Milk* and reimagined its design, resulting in a visually appealing and user-friendly interface to fit diverse user needs
- Employed modal windows to create a user-friendly interface for adding, updating, and deleting data, ensuring seamless data management for users
- Implemented SQLAlchemy to manage the application's database, allowing for efficient data storage and retrieval

EDUCATION

App Academy - Immersive software development course with a less than five percent acceptance rate

Sept 2022 - Mar 2023

- Completed an intensive full-stack web development program, covering topics such as React, Redux, Express, Sequelize, PostgreSQL, JavaScript, SQL, Git, Node, Python, Flask, SQLAlchemy, HTML5, CSS3, Object Oriented Programming and Test Driven Development
- Developed proficiency in both front-end and back-end development, including experience with creating user interfaces, designing and implementing databases, and building scalable applications
- Gained experience working with version control systems such as Git, allowing for effective collaboration and version management in a team environment
- Collaborated with a diverse team of individuals in pair programming activities, enhancing interpersonal skills and technical articulation while effectively leading and following peer instructions to deliver high-quality code

EXPERIENCE

Avionic Systems Technician (with Secret Clearance)

United States Air Force

Sept 2018 - Sept 2022

- Developed technical expertise in avionics systems and troubleshooting techniques through formal training and on-the-job experience
- Exhibited a strong attention to detail, ensuring that all work contributions met strict technical and quality standards
- Conducted detailed analysis of aircraft avionics systems to identify and diagnose faults, often under time constraints and in high-pressure situations
- Collaborated with cross-functional teams of mechanics, engineers, and other specialists to develop and implement solutions to complex avionic problems
- Developed effective communication and interpersonal skills, working with colleagues, superiors, and clients to build relationships and achieve common objectives