Roysa Peguero Martinez

(848) 203-4128   roysapeguero@outlook.com   LinkedIn   GitHub   Portfolio

SKILLS JavaScript, Python, React, Redux, Express, Sequelize, PostgreSQL, SQL, Git, Node, Flask, SQLAlchemy, JSX, HTML5, CSS3, AWS S3

PROJECTS

TuneSpace   Live Site | Github
A Soundcloud-inspired web application using JavaScript, Python, React, Redux, Flask, SQLAlchemy, AWS, HTML, and CSS.
- Collaborated with a team of three developers to design, develop, and deploy a full-stack web application with comprehensive CRUD functionality for comments, songs, and user profiles
- Leveraged React H5 Audio Player to enhance and streamline user streaming capabilities, providing a seamless audio experience
- Implemented AWS S3 for reliable and effective audio and image uploads, ensuring efficient file management.
- Developed a RESTful API and optimized database schema by analyzing SoundCloud's capabilities and tailoring them to align with our application goals

LinkUp   Live Site | Github
A Meetup-inspired web application using React, Redux, JavaScript, Express, Node.js, HTML, CSS, and Sequelize.
- Implemented full CRUD functionality for groups, events, attendance, and memberships, allowing users to manage their meetups effectively
- Utilized JavaScript, Express, React, and Redux to create a seamless and intuitive user experience
- Implemented robust user authentication and authorization mechanisms to ensure a secure application and protect user data

Get The Bacon   Live Site | Github
A Remember The Milk-inspired web application using JavaScript, Python, React, Redux, Flask, SQLAlchemy, HTML, and CSS.
- Revamped the design of Remember The Milk, resulting in a visually appealing and user-friendly interface
- Employed modal windows to enhance the user experience when adding, updating, and deleting data, ensuring seamless data management
- Utilized SQLAlchemy to efficiently manage the application's database, providing optimal data storage and retrieval

EDUCATION

App Academy - *Immersive software development course*   Aug 2022 - Mar 2023
- Successfully completed an intensive full-stack web development program, with acceptance rate below five percent
- Acquired proficiency in both front-end and back-end development, including React, Redux, Express, Sequelize, PostgreSQL, JavaScript, SQL, Git, Node.js, Python, Flask, SQLAlchemy, HTML5, CSS3, Object-Oriented Programming, and Test-Driven Development
- Developed strong version control skills using Git, ensuring effective collaboration and version management within a team environment
- Worked collaboratively 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
- Accomplished avionics expert with advanced proficiency in cutting-edge technologies, resolving complex issues to enhance aircraft safety and reliability. Awarded Air and Space Expeditionary Service Ribbon with Gold Border, signifying participation in multiple significant and successful missions, showcasing exceptional commitment to duty
- Analytical troubleshooter adept at diagnosing faults under pressure, optimizing operational efficiency for mission success. Decorated with the Global War on Terrorism Expeditionary Medal and Global War on Terrorism Service Medal
- Collaborative team player, communicator and relationship builder fostering productive collaborations with colleagues, engineers, and clients to achieve shared objectives. Awarded Meritorious Unit Awards, AF Good Conduct Medal and National Defense Service Medal