Roysa Peguero Martinez

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SOFTWARE ENGINEER

LANGUAGES: JavaScript, Python, CSS3, HTML5, SQL
FRAMEWORKS/TOOLS: React, Redux, Express, Node.js, Git, PostgreSQL, Flask, SQLAlchemy, AWS

PROJECT EXPERIENCE

TUNESPACE Python | JavaScript | Express | Flask | PostgerSQL | AWS S3 | React | Redux **LIVE SITE | GITHUB**

- Collaborated with a team of three developers to create a SoundCloud clone with comprehensive CRUD functionality for comments, songs, and user profiles
- Implemented AWS S3 for reliable and effective audio and image uploads, ensuring efficient file management.
- Developed RESTful API and optimized database schema by analyzing SoundCloud's capabilities and tailoring them to our application goals

LINKUP JavaScript | Express | React | Redux | PostgerSQL | Sequelize | React | Redux **LIVE SITE | GITHUB**

- Developed a web application inspired by Meetup, implemented Express and Node.js on the backend allowing full CRUD functionality for groups, events, attendance, and memberships
- Incorporated Sequelize ORM to interact with a PostgreSQL database, ensuring efficient data management and retrieval
- Implemented robust user authentication and authorization mechanisms to ensure a secure application and protect user data

GET THE BACON Python | JavaScript | Express | Flask | React | Redux | PostgerSQL **LIVE SITE | GITHUB**

- Created task management web application inspired by Remember The Milk using React/Redux on the frontend and Python and Flask on the backend, providing users Full CRUD functionality on lists and tasks
- Employed modal windows to enhance the user experience when adding, updating, and deleting data, ensuring seamless data management
- Incorporated SQLAlchemy ORM to interact with a PostgreSQL database, ensuring efficient data management and retrieval

EDUCATION

APP ACADEMY   AUG 2022 – MAR 2023

- Completed intensive full-stack web development bootcamp, gaining hands-on experience in full-stack development with React, Redux, Express, Sequelize, PostgreSQL, JavaScript, SQL, Git, Node.js, Python, Flask, SQLAlchemy, HTML5, CSS3, Object-Oriented Programming, and Test-Driven Development.
- Participated in pair programming activities, enhancing interpersonal skills and technical articulation while delivering high-quality code.

EXPERIENCE

UNITED STATES AIR FORCE   SEPT 2018 – SEPT 2022
Avionic Systems Technician (Active Secret Clearance)

- Removed, installed, checked, and repaired B-1B avionic/electronic warfare systems, line replaceable units (LRU), faulty system wiring, electrical connectors, antennas, transmission lines, and multi-conductor cables
- Maintained secret security clearance, responsible for handling and securing sensitive information on a daily basis
- Analyzed system data to diagnose malfunctions using technical orders, schematics, wiring diagrams, integrated test systems and other test equipment to document faults and perform corrective actions
- Collaborated with cross-functional teams of mechanics, engineers, and other specialists to develop and implement solutions to complex avionic problems