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SKILLS

Languages: JavaScript, Python, CSS, HTML, SQL

Tools/Frameworks: React, Redux, Express.js, Node.js, Git, PostgreSQL, Flask, Postman

ACADEMIC PROJECTS

TUNESPACE

[LIVE SITE](#) | [GITHUB](#)

- Proposed improvements in daily standups, contributing to a 20% increase in overall project efficiency through effective communication and task coordination amongst four developers
- Integrated AWS S3 for audio and image uploads, reducing server load and allowing for scalability
- Optimized database schema based on detailed analysis of SoundCloud's capabilities, resulting reduction of query execution time and enhanced application performance

LINKUP

[LIVE SITE](#) | [GITHUB](#)

- Developed a Meetup-inspired web application, implementing Express and Node.js on backend to achieve full CRUD functionality for groups, events, attendance, and memberships
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing only authorized users to make changes to their groups when logged in
- Designed and executed comprehensive test suite in Postman to validate backend API functionality, ensuring adherence to frontend needs and specifications

GET THE BACON

[LIVE SITE](#) | [GITHUB](#)

- Incorporated SQLAlchemy ORM to interact with a PostgreSQL database, ensuring efficient data management and retrieval
- Employed modal windows to enhance user experience when viewing, adding, updating, and deleting data, ensuring seamless user data management
- Implemented RESTful API endpoints to enable streamlined communication between frontend and backend components, optimizing data transfer and enhancing overall application performance

WORK EXPERIENCE

Avionic Systems Technician (Active Secret Clearance)

September 2018 - September 2022

United States Air Force

Dyess AFB, Texas

- Executed over 300 removal and installation procedures for B-1B avionic/electronic warfare systems ensuring aircraft readiness and functionality
- Diagnosed and documented over 200 malfunctions utilizing test equipment to facilitate efficient fault identification and corrective actions
- Led avionic maintenance solution efforts for 15 aircraft, improving overall mission success

EDUCATION

Full Stack Software Engineering

March 2023

App Academy

Remote

- Full stack web development: React, Redux, Express, Sequelize, PostgreSQL, JavaScript, SQL, Git, Node.js, Python, Flask, SQLAlchemy, HTML5, CSS3, Object-Oriented Programming, and Test-Driven Development

High School Diploma

Perth Amboy, NJ

Academy for Urban Leadership Charter School