Lola Marrero
Software Engineer

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SKILLS
Languages Javascript, Python, HTML5, CSS3, C++, Bilingual (English and Spanish)
Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL, AWS, Docker, Render, Git, Postman, npm, nvm, Linux, Mocha, Chai, Node.js, AWS S3
Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), REST APIs

PROJECTS

Lemon Attire (JavaScript, React / Redux, HTML, CSS, Python, Flask, SQLAlchemy, Postgres, AWS S3, Email.js, Mapbox)   live | GitHub
A full-stack e-commerce web app, offers an enhanced shopping journey for clothing enthusiasts.
- Engineered a user-centric front-end interface that ensures smooth browsing by enabling users to categorically search for items while showcasing product versatility through color choices and multiple images, facilitating a comprehensive understanding of the item's visual details.
- Implemented a well-structured database design with relational concepts using SQLAlchemy and PostgreSQL to manage product variations, while also establishing connections between individual order items and orders, allowing dynamic updates to maintain consistency and accuracy in representing user purchases.
- Leveraged the capabilities of the Redux store and intricately crafted React components to monitor the cart's item count in real-time, displaying immediate updates whenever users add or remove items, or empty the cart, ensuring a fluid and accurate shopping experience.

Bone Apple Teeth (JavaScript, React / Redux, HTML, CSS, Python, Flask, SQLAlchemy, Postgres)   live | GitHub
A responsive full stack web application inspired by OpenTable developed as a group project.
- Collaborated efficiently within a team by utilizing effective communication skills and implementing tools like a Kanban board. This approach ensured timely completion of project tasks and collective achievement of project goals.
- Developed and integrated a 'Favorite' feature utilizing React's useState hook and the Redux store. Users can manage their preferred restaurants through a dedicated 'Favorites' section on their profiles and a dynamic 'Favorite' button on restaurant details pages. This enhancement cultivated user engagement by adding a layer of personalization to their experience.
- Employed "lazy joined" techniques within the models, enhancing database efficiency by optimizing data retrieval and ensuring a seamless navigation experience while managing database resources efficiently.

Pawbnb (JavaScript, React / Redux, HTML, CSS, Node.js, Express.js, Sequelize, Postgres)   live | GitHub
A comprehensive full stack web application modeled after Airbnb for your pets.
- Implemented secure user authentication system using JWT, bcrypt, and validations to ensure safe registration, login, and sign up features. Established role-based authorization for restricted feature access, such as exclusive editing rights for spot owners.
- Designed custom SQL queries to reduce server load and avoid N + 1 issues.

EDUCATION

App Academy - Immersive full-stack software development course with <3 % acceptance rate.   *Sept 2022- Sept 2023*
Cabrillo College, **Santa Cruz -** *Coursework: Intro to C++ Programming, Advanced C++ Programming*   *Jan 2021 - Dec 2021*
University of California, Santa Barbara - *Double Major: Bachelor's in Sociology and Bachelor's in Spanish*   *Sept 2011 - Sept 2013*

WORK EXPERIENCE

Realtor - *Coldwell Banker, Capitola, CA*   Jan 2016 - Feb 2018
- Utilized effective communication and negotiation skills to orchestrate successful property deals, resulting in a 15% increase in closed deals compared to the previous year.
- Collaborated with clients to understand unique requirements and preferences, enhancing client satisfaction. Achieved an average client satisfaction rating of 4.9 out of 5 based on post-transaction surveys.
- Leveraged digital tools for property listings and client communication, increasing online property views by 25% and generating a 10% increase in client inquiries.

Real Estate Photography Assistant - *John Terry Photography, Santa Cruz, CA*   Jan 2015 - March 2020
- Engaged with clients during photoshoots to discern their preferences and requirements, resulting in a 90% client satisfaction rate and an average of 3 referrals per satisfied client.
- Elevated brand appeal through successful digital marketing campaigns, leading to a 30% increase in website traffic and a 20% boost in social media engagement.
- Streamlined office operations by implementing efficient bookkeeping and invoice oversight systems, reducing billing discrepancies by 20% and improving cash flow management.