JOHNN VASQUEZ

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SOFTWARE ENGINEER

SKILLS   Javascript | Sequelize | Express.js | React.js | React/Redux | Python | Python-Flask | SQLAlchemy | APIs

WORK EXPERIENCE

Orlando Stars | *A soccer academy website (React, Express, Node.js, Mui, Bootstrap, Stripe API, Sendgrid Api)* **live**

- Transitioned outdated Wix site into a fully personalized **fullstack React.js** web application
- Implemented **Stripe API** for easy client side transactions.
- Incorporated **SendGrid API** for easy **SMTP email relay** between customer and client.
- Created personalized forms and a fully responsive application design using Bootstrap and MUI

TECHNICAL EXPERIENCE & PROJECTS

Med.io | *A medical application used by patients and doctors (React/Redux, Python/Flask, SQLAlchemy)*   **live** | **github**

- Incorporated patient/user input utilizing **React.js** to generate a patient card to be revised by doctors within the app.
- Remodeled the doctor profiles using a **React.js** frontend to create a separate authentication, allowing users with appropriate roles and permissions to have CRUD functionality around patient data cards.
- Implemented a medical **API** being fetched with axios, maximizing the efficiency and functionality of the created patient cards, populating them with the desired information to be sent to the **Python/Flask** backend.
- Architected the **Flask** backend to use **SQLAlchemy** to make fetch calls to the **PostgreSQL** database

GrammyGram | *An instagram clone for Grammys (React/Redux, Python/Flask, SQLAlchemy)*   **live** | **github**

- Spearheaded the development of the **React.js** frontend, facilitating the functionality of the application, allowing users to upload/update/delete posts and comments without any issues.
- Applied best practices for **DRY** code and successful implementation of **RESTful API's** to ensure maintainability.
- Produced an interactive, single page application implementing a componentized **React.js** frontend and an **Python** backend, allowing for ease of use navigating site functionality.
- Implemented a **Python/Flask** backend to facilitate the implementation of API routes by utilizing the various libraries **Python** has to offer, as well as the simple fetch calls **Flask** makes to the **PostgreSQL** database.

EDUCATION

AppAcademy - *Full Stack Software Development*   *2021*

- 1000+ hour, rigorous web development program focusing on full stack web development
- Relevant coursework includes: object oriented programming (OOP), test-driven development (TDD), Agile/SCRUM methodologies, Coding Best Practices / DRY code, Systems Architecture & Design, Data Structures, Algorithms, Pair Programming

ADDITIONAL EXPERIENCE & LEADERSHIP

Open English - *English professor*   *2020-2021*

- Customized curriculum to meet individualized learning needs for varying skill levels prioritizing learning style, delivery, and structure to ensure success for beginning to advanced level English students.

Clear Choice Dental Groups - *Supervisor / Lead Prosthodontist Assistant*   *2018-2020*

- Ensured workflow effectiveness through the management of clinical-side responsibilities, including transcription of patient data and notes to facilitate successful planning and treatment.
- Managed daily caseload of ~12 patients through triage to treatment, ensuring overall quality of service was upheld.

Tufts University of Dental Medicine - *Prosthodontics / Maxillofacial Assistant / Supervisor*   *2016- 2018*

- Led the coordination of dental implant distributions and collections, assisting program directors in ensuring delivery of quality materials.
- Exercised an agile approach to patient triaging, managing high demands and tight deadlines of ~30 patients daily.