

# JOHNN VASQUEZ

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# SOFTWARE ENGINEER

[LinkedIn](#) [Portfolio](#) [GitHub](#)

**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- Transitioned outdated Wix site into a fully personalized **fullstack React.js** web application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.