JOHNN VASQUEZ   SOFTWARE ENGINEER

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

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.

GoodClips | *A GoodReads clone for movies (Express, PUG, Sequelize, APIs)*   **live** | **github**
- Designed and implemented proper **API** routes to effectively send and receive data from the **Express** backend.
- Initialized an **Express/Sequelize** backend to effectively deliver data to the user, certifying the application behaves as intended based on technical requirements
- Leveraged PUG templates, allowing for faster and easier web page development and implementation.
- Led the team for CSS design and layout for the application using Git Workflow tools.

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.