

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 beach locations (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.
- Kept up-to-date on best practices for DRY code as well as successful implementation of RESTful API's
- 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 understanding of the code and the desired behavior.

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 the proper information to the user, certifying the application behaves as intended based on technical requirements
- PUG templates allowed for easier web page development and implementation.
- Led the team for CSS design and layout for the application

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.
- Adapted learning instruction to meet individual needs for both children and adults, building rapport for on-going learning and support, adjusting as needed.

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.
- Oversaw patient consults as Primary Assistant to the Head Maxillofacial Prosthodontist, prioritizing quality and efficiency of daily processes.