KEERTHANA YELLAPRAGADA

P. 669-214-6016   keerthanay@gmail.com   San Francisco / Bay Area
www.linkedin.com/in/keerthana-yellapragada   https://github.com/Keerthana-Yellapragada

SKILLS

Languages: **Python, Javascript, SQL, HTML5, CSS,**
Frameworks: **React, Redux, Node.js, Mocha, Chai, Sequelize, SQLAlchemy, PostgreSQL, AWS, Docker,**
Key Skills: **Pair Programming, OOP (Object-Oriented Programming), TDD (Test-Driven Development),**
                    SCRUM Methodologies,

PROJECTS

WellnessPage   **(Python / Flask/ React/ Redux/ SQLAlchemy/ Postgres)**
https://wellnesspage.onrender.com/ | https://github.com/Keerthana-Yellapragada/Facebook-Clone.git
WellnessPage is a full-stack application inspired by facebook that allows patients to build a support community.

- Implemented features such as leaving posts, comments, and likes on the website using a backend API created by Flask & Python.
- Designed and deployed the front-end of the website using React-Redux and CSS.
- Optimized website performance using **AWS S3.**
- Includes **custom form validations** and **modal components** for **DRY code.**
- Connects to **Flask.js(Render) via a JSON API.**

CodeBunny   **(Python / Flask/ React/ Redux/ SQLAlchemy/ Postgres)**
https://codebunny.onrender.com/| https://github.com/jameswonlee/CodeBunny
A website inspired by Taskrabbit that allows users to hire coders to complete a development project for them. Built using Flask, Python, Javascript, React, Redux, and CSS technologies.

- Implemented features such as hiring a coder for a project, creating a project, and taking on tasks on the website using a backend API created by **Flask & Python.**
- Designed and deployed the front-end of the website using React-Redux and CSS.
- Connects to **Flask.js(Render) via a JSON API.**

Keerbnb   **(Express/ Javascript/ React/ Redux/ SQLAlchemy/ Postgres)**
https://keerthana-final-airbnb-project.herokuapp.com/ | https://github.com/Keerthana-Yellapragada/API-PROJECT-AIRBNB.git
Keerbnb is a full-stack application inspired by Airbnb that allows users to book vacation rentals hosted by other users.

- Implemented features such as becoming a host, hosting a rental, booking a rental, and leaving reviews for spots.
- Designed and deployed a front-end design for the website using React-Redux and CSS.
- Connects to **Express.js(Heroku) via a JSON API.**
- Includes **custom form validations** and **modal components** for **DRY code.**

EXPERIENCE

Registered Dental Assistant
Bay Area Kids Dentist, Sept 2020- Jul 2021

- Led patient health education, counseling,, and behavior managemen,t, which resulted in a 30% increase in new clients acquired during the pandemic and increased customer satisfaction.
- Operated with the doctors in various pediatric surgical procedures performed under general anesthesia
- Streamlined front-desk duties, including customer services, billing procedures, scheduling appointment,s and insurance management

Lab Assistant
O'Brien Lab/Stanford University, Sept 2019 - November 2020

- Observed physiologic organ adaptation in the Drosophila gut by quantifying and tracking Notch-pathway activation and stem cell extrusions in the midgut R3 & R4 segments of Drosophila specimens.

- Collaborated with a team of postdocs and scientists and delivered data collection, charting, and analysis of stem cell growth using Bitplane IMARIS Imaging software and Microsoft Office.
- Managed inventory and maintenance of stock flies and materials used in lab experiments.

Dental Assistant
Park Saratoga Dental, June 2018 - Sept 2019

- Managed sterilization, topical medicament application, and taking dental impressions and x-rays.
- Maintained patient health and dental charts using dental software systems.
- Operated with the doctor in restorative, surgical, and preventative dental procedures.
- As "Team Lead", trained new hires in patient care & education, resulting in 50% improved retention rate of patients
- Introduced a new system to streamline workflow and optimize patience care at the clinic which resulted in a 40% increase in profits and a 30% increase in employees hired and trained.

General Dentist
Calibre Clinics, March 2018 - June 2018

- Responsible for oral diagnosis and treatment planning.
- Performed preventative, restorative, and surgical dental procedures.
- Managed a team of dental professionals to provide effective dental care for patients.
- Introduced newer technologies which improved clinical efficiency by 50% and doubled the amount of patients seen per day.
- Promoted dental health awareness and patient education which resulted in 40% increase in new patient acquisition treatment rates.

General Dentist
Government Dental Hospital, Osmania University, January 2017 - April 2018

- Provided dental treatment to a high volume of patients.
- Organized and actively partnered with various organizations to run school-based dental camps.
- Collaborated and led a team of doctors in various interdisciplinary clinical research projects.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Summer 2022)

Kamineni Institute of Dental Sciences @ Dr. NTR University of Health Sciences, Hyderabad - *Bachelor's of Dental Surgery* (Spring 2018) — **GPA 3.92 – Dean's List** (2012-2018)

Certifications

Bachelor's of Dental Surgery

Registered Dental Assistant License

Courses

Python 3, Codecademy - (Dec 2021)

Harvard edX CS50: Introduction to Computer Science , Harvard University - (Jan 2022)