Ray Charles Henry
Full-Stack Software Engineer

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SKILLS

Technologies:

React, Redux, Flask, Node.js, Express.js, REST, Sequelize, SQLAlchemy, Alembic, Mocha, Docker, Heroku, Render, Playwright.

Languages:

Javascript, Python, HTML5, CSS3, SQL, SQLite3

PROJECTS

Rayddit   (Flask, ReactJS, Python, React/Redux, Amazon S3)   live | github

A Full-Stack Flask/React Reddit clone application.

- Integrated a **Amazon S3** powered upload feature, streamlining the process of sharing images with posts
- Engineered a responsive website layout using **CSS3 Flexbox** and optimized load times through implementation of an infinite scroll, resulting in an intuitive and visually consistent user experience with faster access to content.

Seabnb   (NodeJS, React/Redux, Javascript, Express, SQLite)   live | github

A Full-Stack Javascript/React Airbnb clone featuring exclusively coastal and beach rentals.

- Implemented **CSS animations** such as keyframes and transitions for a more engaging user experience. Designed an animated home splash page, functional image grid with display grid, and features **Google Maps API.**
- I implemented personalized form validations using **Express.js** to facilitate complete CRUD functionality for user reservations and ensure prevention of overbooking through the verification of dates.

InstaCrumbz   (Flask, React/Redux , Python, Redux)   live | github

A Full-Stack Flask/React project parodying the social media website Instagram, featuring food leftovers.

- Collaborated with a team of four developers to replicate Instagram's design and functionality for food leftovers, including user profiles and a likes feature, delivering a fun and engaging user experience.
- Implemented the likes feature utilizing **React conditional rendering** to allow users to like and unlike posts and display the number of likes dynamically.

EXPERIENCE

AI Training Engineer

Scale AI   2023 - Present

- Analyzing Large Language Model (LLM) responses, ensuring 90-100% accuracy in evaluating quality, performance, AI systems, and complex data structures/algorithms.
- Assist in improving AI model's like Google Bard and ChatGPT, to optimize functionality and efficiency, ensuring continuous improvements for optimal performance.

Patient Care Technician

MultiCare Health System : Progressive Care Unit / COVID Unit   2021 - 2022

- Demonstrated expertise in providing personalized care to 10 patients per shift with various illnesses, including COVID, MRSA, and CDIFF. Skilled in 1:1 observation, charting, and taking vitals, ensuring accurate documentation of patients' conditions and progress.
- Proficient in assisting with patient mobility, including cleaning and turning patients and assisting with ambulation. Proven ability to follow nurses' instructions and complete additional tasks as assigned, ensuring optimal patient care and support.

Material Handler

FedEx   2017 - 2018

- Assisted in offloading and transporting an average of 20,000+ lbs of cargo/packages using a machine loader and manual labor, ensuring timely distribution to locations across the state.
- Maintained strict adherence to safety procedures and facilitated effective team communication to support the smooth operation of 2-3 aircrafts per shift.

EDUCATION

App Academy | A comprehensive 1000+ hour Full-stack software development course with a 3% acceptance rate | 2022

Highline College | Associate in Pre-Nursing (DTA/MRP) | 2018-2020

- *3.27 GPA, Vice President's Honor Roll in Winter 2019, recognizing outstanding academic achievement.*