Ali Ezzeddine

Full-Stack Software Engineer

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TECHNICAL SKILLS

Languages: JavaScript, Python, HTML5, CSS, SQL, SQLite3, TypeScript, C#
Frameworks/Technologies: React, Redux, Flask, Express, SQLAlchemy, Sequelize, PostgreSQL, AWS S3, Git, Node.js, WebSockets, Cron, MongoDB
Key Skills: Pair Programming, SCRUM development framework, Object-Oriented Programming (OOP), UX design, Agile, TDD Methodology

PROJECTS

Bookle   Github
Bookle is a mash-up between Wordle and other "dle" games but with books. Built using React, Express, WebSockets, Cron
- Developed robust front-end and back-end communication using WebSockets to securely track and store user's best score and best time in a JSON file uploaded to S3.
- Implemented Cron functionality to ensure seamless automation of daily book updates on the front-end, with data pulled from a JSON file in S3, enhancing back-end self-sufficiency.
- Utilized local storage to efficiently track and manage user activity, including tracking if users have already played today's Bookle and their guesses for improved user experience.

Bopify   Live Site | Github
A music streaming service built using ReactJs, Redux, Python, SQLAlchemy, AWS, HTML, CSS, Flask
- Designed two join tables in SQL Alchemy that enabled a follow feature of user-profiles and playlists in real-time allowing a more fluid feel for users
- Created a music player component from the ground up using React to allow music playback while utilizing Redux to track song completion and handle the next song being played in the queue resulting in a compact music player.
- Utilized AWS S3 to enable image uploading for personalized playlist creation.

Enhance   Live Site | Github
An art portfolio-sharing application built using Python, SQLAlchemy, React.js, Redux, AWS, HTML5, CSS3, Flask
- Engineered a back-end application using Flask/SQLAlchemy and a front-end using React and Redux working collaboratively using pair programming and a Git workflow with three other engineers.
- Implemented an AWS framework to allow users to upload work to their portfolios enabling a more solid UX.
- Enhanced the user experience by enabling portfolio likes using a join table that tracks user likes and the portfolio on a one-to-many relationship giving the application a more connected feel.

GroundBnB   Live Site | Github
A vacation home rental service built using Express.js, Sequelize, React, Redux, HTML5, CSS3, AWS, JavaScript
- Developed and maintained a dynamically rendered and fluid reviews component using Redux and React that updates the average "star" rating in real time.
- Improved the user experience by implementing a user profile with past, present, and future bookings for ease of access.
- Implemented validation logic using React Calendars to allow users to book homes preventing date collisions.

EXPERIENCE

Sales Associate
AutoDirect LLC, Aug 2021 - May 2022
- Delivered up to five cars daily to customers while keeping track of customers' info to make each experience more personal.
- Acquired 60 reviews in the period which resulted in the company maintaining a 5-star status on Google
- Resolved customer complaints by communicating and doing my best to solve any issue that arose which led to an increase in customer retention and satisfaction

EDUCATION

App Academy - Immersive software development course with a focus on full-stack web development (July 2022 - December 2022)
University of Connecticut - Computer Science Engineering (Fall 2018 - May 2020)