Ali Ezzeddine

Full-Stack Software Engineer

P. 860-818-6558 | a.k.ezzeddine@gmail.com
ali-ezzeddine.com | linkedin.com/in/ali-k-ezzeddine | github.com/alkezz

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

Blurrdle   Live Site | Github
Blurrdle 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.
- Established 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.
- Applied local storage to efficiently track and manage user activity, including tracking if users have already played today's Blurrdle 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 SQL Alchemy join tables to integrate user likes and follows, fostering a sense of community within the application and enhancing the overall user experience.
- Built a React music player using Redux to track song completion and to enable seamless playback from a queue, resulting in a compact 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
- Collaboratively engineered a back-end application with Flask/SQLAlchemy and a front-end with React and Redux, utilizing pair programming and a Git feature branch workflow alongside a team of three engineers.
- Leveraged the AWS framework to allow users to upload work to their portfolios enabling a more solid UX.
- Elevated the user experience by implementing a join table that establishes a one-to-many relationship, allowing users to like portfolios and fostering a more interconnected feel throughout the application.

GroundBnB   Live Site | Github
A vacation home rental service built using Express.js, Sequelize, React, Redux, HTML5, CSS3, AWS, JavaScript
- Crafted a dynamically rendered reviews component using Redux and React that updates the average "star" rating in real time keeping the front-end experience consistent with the back-end.
- 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 prevent date collisions when users book a home.

EXPERIENCE

Sales Associate | *AutoDirect LLC*   **August 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
- Achieved customer satisfaction and retention by resolving complaints quickly and effectively.

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**)