Ali Ezzeddine

Full-Stack Software Engineer

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SKILLS

JavaScript, Python, TypeScript, C#, HTML5, CSS, SQL, SQLite3, React, Redux, Flask, Express, SQLAlchemy, Sequelize, PostgreSQL, AWS S3, Git, Node.js, WebSockets, Cron, MongoDB, TDD, OOP, MERN

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

- Formulated robust **front-end** and **back-end** communication using **WebSockets** to securely track and store the user's game stats.
- Established **Cron** functionality to ensure seamless **automation** of daily book updates on the **front-end**, with data pulled from a JSON file in **AWS S3**, enhancing **back-end** self-sufficiency.
- Applied local storage solutions to streamline user activity tracking, effectively monitoring users' engagement with today's Blurrdle game.
- Integrated statistics at the end of the game to allow users to view their best scores and win-streaks resulting in higher user retention rates and application cohesion.

Bopify   Live Site | Github

A music streaming service built using ReactJs, Redux, Python, SQLAlchemy, AWS, HTML, CSS, Flask
- Designed two **SQLAlchemy** join tables to integrate user likes and follows, fostering a sense of community within the application and enhancing the overall **user experience**.
- Engineered a **React** music player using **Redux** to track song completion and to enable seamless playback from a queue, resulting in a compact music player.
- Utilized **AWS S3** to enable image uploading for personalized playlist creation and to store application music resulting in **10%** faster data response rates.
- Developed the user interface using **Material UI**, enhancing user experience through responsive and visually appealing design.

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**, leveraging **pair programming** and a **Git** feature branch workflow alongside a team of three engineers.
- Developed the front-end using **React** and **Redux**, ensuring seamless integration with the back-end and maintaining code quality through effective teamwork.
- Leveraged the **AWS** framework to allow users to upload work to their portfolios enabling a more solid **UX**.
- Elevated user experience through an **SQLAlchemy**-based join table, enabling users to like portfolios and fostering greater application cohesion.

EXPERIENCE

Freelance Web Developer | YouWillKnowAli.com   **June 2023 - Present**

- Incorporated responsive design principles using **media queries**, ensuring optimal **user experiences** on various devices, particularly **mobile** platforms.
- Effectively drove engagement, with achievements including attracting over **2,500 visitors** and garnering over **5,000 page views** within a span of two months.
- Coordinated closely with clients to conceptualize, plan, and execute web applications tailored precisely to their unique needs and objectives involving conducting in-depth client consultations to understand their vision, requirements, and target audience.

Sales Associate | *AutoDirect LLC*   **August 2021 - May 2022**

- Successfully negotiated and closed deals, handling all aspects of the sales process from initial customer contact to final delivery.
- Resolved customer concerns and issues promptly, ensuring a high level of customer satisfaction and positive online reviews.
- Developed strong product knowledge, staying up-to-date with the latest features, specifications, and pricing for all vehicle models, allowing for effective customer consultations.

EDUCATION

App Academy - Immersive software development course with a focus on full-stack web development   **July 2022 - December 2022**

- Rigorous 1000+ hour software development course with less than a 5% acceptance rate
- Heavily focusing on topics such as **Test Driven Development(TDD)**, **scalability**, **data structure**, **algorithms**, **Object Oriented Programming(OOP)**, **coding conventions**, **REST**, **pair programming**, and **whiteboarding**

University of Connecticut - Coursework toward Bachelor's Degree in Computer Science Engineering   **Fall 2018 - May 2020**