

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***

- Developed 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** to efficiently track and manage user activity, including monitoring if users have already played today's Blurrdle

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**.
- Built 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.

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** and **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 user experience through an **SQLAlchemy**-based join table, enabling users to like portfolios and fostering greater application cohesion.

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 easy access.
- Implemented **validation** logic using **React** Calendars to prevent date collisions when users book a home.

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.
- Successfully drove engagement, with achievements including attracting over **2,500 visitors** and garnering **5,000 page views** within a span of two months.
- Coordinated with clients to create and develop a web application that met their specific needs and objectives.

Sales Associate | **AutoDirect LLC**

August 2021 - May 2022

- Facilitated the delivery of up to five cars daily to customers, while maintaining customer information to enhance service experiences.
- 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

- 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