ZAKARIAH O'MARA-MEZZANO

S O F T W A R E   D E V E L O P E R

SUMMARY

As a versatile and dedicated professional, I bring expertise in web development, team-building, and communication. As a full stack engineer, I thrive on implementing innovative systems, and staying at the forefront of industry trends. With a track record of unlocking hidden potential, creating genuine connections, and delivering results, I am excited to contribute my expertise as a valued team member.

PROFESSIONAL EXPERIENCE

Instructional Associate   2022 – 2023
General Assembly, Anaheim CA
- Spearheaded a blended learning model for software engineering immersive students, providing essential support for instructors and faculty.
- Administered instructional programs, delivered lectures, assessed student performance, and prepared lesson materials.
- Designed and built web-based applications for demonstration for a seamless and impactful learning experience in intensive software engineering immersive courses.

Shift Manager   2017 – 2022
Starbucks, Anaheim CA
- Exercised impactful leadership and strategic thinking, resulting in a 6% revenue increase during tenure at the highest performing retail store in the United States.
- Identified and nurtured potential in new partners, successfully training and mentoring them into proficient managers.
- Streamlined store operations and optimized efficiency, contributing significantly to increased revenue, easing partner fatigue, and leveraging income projection tools for precise decision-making and sustained company growth.

PROJECTS

Borgbot | Solo Project
GitHub Link
- Invented Borgbot, a powerful Discord bot with versatile functionalities including basic responses, food commands, AI-powered interactions, currency conversion, special modes, food recommendations, and help options.
- Implemented artificial intelligence capabilities for enhanced user interactions.
- Leveraged OpenAI's LLMs to create a bot that adds humor and silliness to server interactions.

EZ-Notes | Solo Project
GitHub Link | Live Site Link
- Developed EZ-Notes, an online application for saving simple text notes, with user authentication and authorization features.
- Utilized React, react-bootstrap, framer/motion, Quill.js, and Auth0 for the frontend, and Express, Mongoose, MongoDB, and Node.js for the backend.
- Deployed the backend on Render and the frontend on Netlify.

CONTACT

🌐 Website Portfolio

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EDUCATION

GENERAL ASSEMBLY
2022

FULLERTON COLLEGE
2014 – 2017

EXPERTISE

PROFESSIONAL

- Adaptability
- Collaboration
- Conflict Resolution
- People Skills
- Problem Solving
- Time Management
- Public Speaking

TECHNICAL

- Computer Technology
- Data Collection & Interpretation
- Microsoft 365
- Google Workspace
- Slack
- Jira
- Notion

Monster Finder | Solo Project
GitHub Link | Live Site Link

- Built Monster Finder, an application for discovering monsters in 5th Edition roleplaying games, providing users with an extensive listing of monsters from the 5e System Reference Document (SRD) and dynamic resource links to official Wizards of the Coast pages.
- Utilized React and the Open5e API to ensure accurate and up-to-date information.
- Optimized state management and addressed API challenges.

1-Day Textmagotchi | Solo Project
GitHub Link | Live Site Link

- Created the game from scratch to provide a simple, interactive experience, allowing users to play games, feed, and put the virtual pet to bed to lower 'bored,' 'hungry,' and 'sleepy' scores.
- Completed the project within a day and hosted a live version for users to playtest and gather feedback for future feature enhancements.

RPG Dice-React | Group Project
GitHub Link | Live Site Link

- Engineered RPG-Dice-React, a single-page web application for rolling polyhedral dice for tabletop roleplaying games, refactoring it from a Django-based version to a sleek and responsive React application.
- Allow users to select and roll different dice, and combine their results; enhancing the application's functionality and user experience.
- Utilized React and CSS in the development process, collaborating with a team member using Discord and VSCode's live share feature.
- Published the app on Netlify for deployment.

Simple-To-Do | Solo Project
GitHub Link | Live Site Link

- Delivered a To-Do application using HTML, CSS, and JavaScript, featuring task management functionalities such as adding, marking as completed, and deleting tasks.
- Realized task download and upload capabilities in JSON and plain text formats, enhancing user flexibility and data management.
- Ensured cross-browser compatibility, and maintained the project through GitHub.