Sergio Medina

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SKILLS

JavaScript, React, Redux, AWS, HTML5, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Python, Java, Application Design, Software Design

PROJECTS

My__Yelpy | *HTML, React.js, Redux, Ruby, Javascript, Postgres*   Live Site | Github
Discover a new coffee shop or your next favorite restaurant with user tailored reviews.
- Utilized Rails relational database with Yelp businesses & reviews to code and prevent unnecessary AJAX calls to make the app faster.
- Engineered a Search feature that queries across all tables to give the user complete control with their search experience.
- Designed an intelligent review(s)/5 star system(<div>) that self-updates with the correct average after every new business review submission to deliver a user experience that is current.

Dominos - Capicua SLAM! | *ReactJS, MongoDB, Mongoose, Konva, Express, node.js, HTML5, Javascript*   Live Site | Github
Online multiplayer game of Dominos with a twist!
- Managed a team of 3 software engineers and led daily operations with Agile consciousness to ensure high-quality collaboration and deployment of our product.
- While building the 2 player (Human vs Human) code, we proactively included a technical strategy to receive the AI player code base before the AI was created to minimize future refactoring.
- Designed a function with the intelligence to be able to render & manipulate a domino play-piece at the appropriate orientation to decrease the total file size at start up by making one *.svg graphic versatile.
- Crafted a 'join/create server' page that handles all the phases from join/create -> lobby -> start game in one versatile component to minimize file(s) clutter and enhance the UI/UX with one magic page.

Aliens and Humans Simulator | *HTML5, canvas, JS*   Live Site | Github
Click to build in this empire style game. Build the wrong empire and the aliens will turn humanity into chickens.
- Utilized Object Oriented Programming to organize gameplay features & sprites to deliver an easy to follow index.js for code connoisseurs.
- Prevented the cpu from loading and parsing sprites at a given coordinate by designing a metadata hash { } to save player 'state' to conserve cpu resources and encourage progressive gameplay.

EXPERIENCE

Technical Support Specialist
ClickUp, August 2021 - July 2023
- Tested the health of ClickUp API endpoints to ensure customer satisfaction.
- Triaged bugs in ClickUp and escalated software regressions to appropriate teams.
- Navigated customer relationships through email to maintain monthly recurring revenue consistent.
- Logged bugs with their steps and associated HAR files to communicate with the Engineering team.

Freelance Web Developer
Self, March 2021 - current
- Engineered a backend store and product(s) inventory into categories to promote strategic sales for a flower shop website.
- Adopted a codebase for a literature brand to compile, build and host their site on iPage.
- Cloned a website for a music academy to then integrate React to deliver a more exciting UX for their students.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development and with < 3% acceptance rate (Fall 2020)
Cuesta College - (2018 - 2020) **Relevant Coursework:** Intro to Computer Science, Fundamentals of CS I, II, III, Microcomputer Architecture and Programming, Discrete Structures, iOS Development, Android Development.
University California @ Santa Cruz - *BS - Philosophy* (Spring 2009)