Michael James Marsolo

Full-Stack Web Developer

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TECHNICAL SKILLS

JavaScript, HTML, CSS, Git, MongoDB, MySQL, Express, React, Node, jQuery, Bootstrap

PROJECTS

Programon Palace (Creature-Battler Card Game)   **GitHub Repo | Deployed Site**
- Authored and deployed NoSQL database with Mongoose and MongoDB Atlas.
- Designed RESTful API to facilitate marketplace features.
- Created functional React components with an emphasis on reusability and accessibility.
- Managed kanban board to ensure team adherence to Agile methodologies.

SCCRM Healthcare (Remote Health Monitoring)   **GitHub Repo | Deployed Site**
- Integrated third-party API for SMS text notifications.
- Wrote relational tables and query controllers for SQL back-end.
- Designed animated pulse-oximetry display for heartbeat visualization.
- Deployed site with Heroku and configured database connection.

ajWave (Multiplayer Virtual Synthesizer)   **GitHub Repo | Deployed Site**
- Developed streamlined user interface for precise control of 12 synth parameters.
- Leveraged WebAudio API and Tone.js for audio signal chain processing.
- Incorporated WebSocket functionality for real-time user collaboration.
- Converted original JavaScript project to React for enhanced maintainability.

Team SCCRM (NASA Image Browser)   **GitHub Repo | Deployed Site**
- Used jQuery to simplify DOM manipulation and event handling in Mars Rover browser.
- Designed responsive image map to position hyperlinks in a custom navigation graphic.
- Developed wireframe layouts to ensure consistent styling and functionality throughout site.
- Communicated with team to ensure timely resolution of merge conflicts and other errors.

WORK EXPERIENCE

C's Family Diner (Shift Manager)   **2020 - Present | South Daytona, FL**
- Supervised staff and executed company-wide decisions across 4 restaurant locations.
- Configured POS systems to reduce ticket times by 20%.
- Onboarded candidates and created training guides to improve employee performance.

Real Estate Administrative Support (Contractor)   **2014 - 2020 | Atlanta Metro, GA**
- Managed social media for Real Estate agents to improve post engagement by 35%.
- Developed marketing templates using Canva, Photoshop, and Wordpress.
- Surveyed homes, took photographs, and processed listing data in MLS service.

EDUCATION

University of Central Florida   **2023 | Full Stack Web Development (Certificate)**
- Demonstrated a fundamental working knowledge of HTML, CSS, Javascript, third-party APIs, Progressive Web Applications, MySQL, API design, and the MERN stack.
- Displayed ability to work with diverse teams on demanding timelines to build fully functional web applications from start to finish.
- Graduated in upper quartile with 98.64% final grade in December of 2023.