Shawn M. Miller

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GitHub: github.com/Shawn52409

SUMMARY

Full stack web developer with a background in Technical Management. Earned a certificate in Full Stack Web Development from the Ohio State University Coding Boot Camp. Background includes 12+ years troubleshooting, fixing and rebuilding machines. Those skills will be put to use to build, rebuild and debug code. Passion and motivation along with previous skill sets are strengths used to achieve new levels of web development.

TECHNICAL SKILLS

Applications: GitHub, MongoDB, MySQL
Languages: JavaScript ES6+, CSS3, HTML5, SQL, NoSQL
Tools: Express, React, Node.js, Handlebars, Query, Bootstrap

PROJECTS

Power Up
GitHub: github.com/Shawn52409/powerup | **Deployed:** https://powerup-game-app.herokuapp.com/
- Summary: An app designed for simplicity and a clear user experience centered around the idea that anyone should be able to curate their own personal library of video games.
- Role: One of three authors: worked on the full stack application.
- Tools: React, CSS, JavaScript, GraphQL, Bootstrap, Heroku, Node.js, Bcrypt

Music Review Club
GitHub: github.com/lydiawdesign/music-review-club | **Deployed:** music-review-club.herokuapp.com/
- Summary: A website that specializes in building a music loving community. Community members can post new song reviews including song title, artist name, genre, YouTube URL, and review.
- Role: One of four authors: main focus was the routes and JavaScript
- Tools: HTML, CSS, JavaScript, Bootstrap, Handlebars, Sequelize, mySQL, Express, Bcrypt, dotenv

Evening Planner
GitHub: github.com/haleywitherell/Health-Wellness.git | **Deployed:** haleywitherell.github.io/Health-Wellness/
- Summary: an app to give a user a way to search through foods to create a menu for dinner for one calendar week
- Role: One of four authors: main focus was the API routes and JavaScript
- Tools: HTML, CSS, JavaScript, jQuery, Bulma, Server-side API

WORK EXPERIENCE

CEC Entertainment – Columbus, Ohio   August 2009-Present
Senior Technical Manager
- Increased the biannual Game/Show/Ride Review score from a 66% to a 91% in less than two years.
- Developed and maintained a budget for par level inventory of electronics, mechanical parts, and tools.
- Trained all incoming Electronic Game Room Technical Managers.
- Managed all the electrical and mechanical aspects of the game rooms area of two different Chuck E. Cheese locations inclusive of over 180 of the latest video games, skill games and kiddie rides.
- Responsible for the animatronic show operation, repairs, and preventative maintenance including compressor operation, lighting, sound, video, pneumatics, automation computer, triac driver boards and show cosmetics.
- Repaired and/or replaced defective electronic components inside arcade games, computers, television monitors, ovens, dishwashers and the show automation system.
- Used schematics and test equipment to troubleshoot down to component level.

Holophane – Newark / Granville, Ohio   December 2003 - October 2008
Project Coordinator
- Completed special engineering quotations for non-standard industrial light fixtures within two day turnaround compliance.
- Managed high profile orders from order entry to shipment.
- Developed and updated spreadsheets to speed up the quotation process.
- Assisted over 180 Holophane sales representatives with bid strategy, pricing options, and technical inquiries.
- Managed a phone line for technical inquiries with 100% compliance.
- Solely responsible for quotation acceptance or rejection.
- Completed courses in hazardous location, lighting controls and emergency lighting.

Engineering Technologist
- Executed mechanical testing services in accordance with established test procedures.
- Performed thermal testing on industrial light fixtures per UL standard.
- Modified existing test procedures to meet specific requestor needs.
- Tested and reported on soon-to-be-released products for thermal tolerances, vibration, rain and thermal shock.
- Mastered 3D printing of parts for engineering use.

EDUCATION

Ohio State University - Columbus, Ohio
Certificate in Full Stack Web Development   January 2022

DeVry University - Columbus, Ohio
Bachelor of Science in Electronics Engineering Technology   October 2003