Tyler T Mullen

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Website: https://tyler-mullen.github.io/singlePagePortfolio/

SUMMARY

Database and Web Developer with a bachelor's degree in computer science and experience developing databases and reports using SQL queries, company software and meticulous testing skills. Excels at teaching end-users how to use technologies and working in challenging environments with demanding deadlines that require communication with co-workers and clients. Leverages coding and troubleshooting skills to create web pages, applications, and software.

TECHNICAL SKILLS

Proficient with Developing Test Cases and Edit Checks, Data Validation, SQL, MySQL Workbench, phpMyAdmin, Clindex, Infomaker, Java, JavaScript, CSS, HTML, Node.js, Firebase, Various APIs, Git, Git Bash, SQL, React.js, Express.js, Moment.js, Sorting Algorithms, MERN, User Training, Drupal, Mithril.js, NPM, Full Stack Development, Building Reports and Excel

PROFESSIONAL EXPERIENCE

Associate Clinical Database Developer – *Occlutech* – Remote   2021 – 2023
- Involved in the writing, testing and validation of test cases for forms of medical studies used to test cardiac devices.
- Developed reports to analyze and display study data using SQL and infomaker.
- Responsible for building edit checks that would ensure proper form data entry and ease of use for clinical staff.

Junior Digital Developer – *Mall of America* **–** Bloomington, MN   2019 – 2020
- Developed and expanded upon features of The Mall of America's web site and mobile application.
- Ensured that various new features were ready for deployment through rigorous testing.
- Learned new frameworks while on the job while simultaneously building code with them.

PROJECTS

LIRI Search Bot
https://github.com/Tyler-Mullen/liri-node-app / https://drive.google.com/file/d/1l0zRhITL4Mlh4nKGg8R3EvpmeqNOs8QZ/view
- Allows the user to run searches for concert dates, movie information and song information.
- Uses Spotify's API to search Spotify's database and Axios to search Bands-in-town and OMDB's database.
- Technologies used: Node.js, Spotify API, Axios

Nordgar Dungeon
https://github.com/Tyler-Mullen/NordgarDungeonTestRoom | https://www.npmjs.com/package/nordgardungeon
- Text-based game run in command prompt with a multitude of character creation options.
- Interface is built through inquirer and the game's combat is based around object-oriented programming.
- Technologies used: Node.js, inquirer, npm.

Year-You-Were-Born-React-App
https://github.com/Tyler-Mullen/Year-You-Were-Born-React-App | https://tyler-mullen.github.io/Year-You-Were-Born-React-App/
- An application that can show the user what was popular from 1950 until 2019.
- The user completes a multi-step form which then prints out a list depending on input. Data is stored in JavaScript files.
- Technologies used: React.js, Material-UI

Bamazon Shopping App
https://github.com/Tyler-Mullen/bamazonApp | https://drive.google.com/file/d/1c0yutbsoi41z7wull-yn8e1s2do2fir4/view
- An application that allows a user to purchase from, add products to and view the inventory of a mock database.
- The default inventory is created through a SQL file and actions for manager and customer modes are stored in JavaScript Files
- Technologies used: JavaScript, Node.JS, MySQL, Inquirer

EDUCATION

University of Minnesota, Saint Paul, MN – Certificate in Full Stack Web Development   Graduated 2019

Augsburg University, Minneapolis, MN – Bachelor of Arts in Computer Science   Graduated 2016