JEFF MCMILLEN

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GitHub: https://github.com/jmcmillenmusic
Portfolio: https://jmcmillenmusic.github.io/jeff-mcmillen-react-portfolio

FULL-STACK WEB DEVELOPER

Versatile Full-Stack Web Developer with a 15-year background as a Composer, Sound Designer, Technical Sound Designer, and Educator. Proficient at learning information quickly and teaching it to others. Effective at communicating with people across disciplines to interpret project needs and integrating seamless internal functionality, resulting in 7 completed projects (shipped titles) while working in game audio. Known for taking on leadership roles to drive projects forward, attention to detail, and responsiveness to feedback.

SKILLS

- HTML5, CSS3, JavaScript
- jQuery
- Node.js, Express.js
- React
- MongoDB
- GitHub

- RESTful APIs
- SQL, MySQL, Sequelize.js
- Insomnia, Jest
- Bootstrap, Bulma
- OOP, ORM
- Apollo GraphQL

PROFESSIONAL EXPERIENCE

Self (Freelance) - Austin, TX   04/2023 - Present
Full-Stack Web Developer
- Mastered relevant web development skills by completing 21 solo projects and 3 group projects during a 12-week-long full-stack coding bootcamp in order to exemplify my coding abilities and graduate with a certificate
- Featured Projects:
  - *SQL Employee Tracker* (https://jmcmillenmusic.github.io/sql-employee-tracker)
    - Database used to track departments, roles, and employees for a business which allows users to view, add, or update departments, roles, and employees
    - Completed by setting up the initial schema, seeding the database, writing and testing SQL queries, and writing and testing Inquirer prompts
    - Competencies: Node.js, Express.js, SQL, and Inquirer
  - *NoSQL Social Network API* (https://jmcmillenmusic.github.io/nosql-social-network-api)
    - Application programming interface which allows users to create, read, update, and delete users, thoughts, and reactions (similar to posts and comments on social media)
    - Created by setting up the initial schema, seeding the database, writing and testing Insomnia routes, and ensuring full CRUD (create, read, update, delete) capabilities
    - Competencies: Node.js, Express.js, MongoDB, and Insomnia

- *MVC (Model-View-Controller) Tech Blog* (https://jeff-mcmillen-tech-blog-f37a90b6c5d9.herokuapp.com/)
    - Full-stack application that allows users to login/logout, sign up as a user, comment on other users' blog posts, create/update/delete posts, and view all posts
    - Constructed by creating the database, writing and testing routes, creating all Handlebars components, and ensuring full CRUD (create, read, update, delete) capabilities
    - Competencies: Node.js, Express.js, SQL, Sequelize.js, MVC Architecture, and Handlebars.js

J. McMillen Audio (DBA) - Austin, TX   10/2012 - 04/2023
Composer, Sound Designer, Technical Sound Designer
- **Solved problems** for 7 different game developers' by creating music and/or sounds for their games for a variety of platforms (PC, mobile, and VR) by **communicating** with them about their projects' needs in-person, adhering to their core design pillars
- Created the music/sounds and the playback systems with careful **attention to detail**
- **Responded and adapted to feedback** and remained **flexible** in order to allow them to publish **on-time and on-budget**
- **Advocated for the game audio craft** at local game developer events, college game development clubs, and even at a fan-focused gaming convention
- **Developed and improved the game audio curriculum** for Game Worlds, a local kids' game development camp, by employing effective teaching practices to create tutorials for music and sound design utilizing easy-to-use software in order to empower students to be able to craft their own game audio
- Competencies: Music Composition, Sound Design, Technical Sound Design

EDUCATION

Full Stack Web Development Boot Camp Certificate   Completed 2023
The University of Texas at Austin, Austin, TX

Master of Music in Music Composition   Completed 2013
Texas State University, San Marcos, TX

Bachelor of Arts in Music Education   Completed 2007
The University of Texas at Arlington, Arlington, TX