# Jeff McMillen

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## PROFESSIONAL PROFILE

Versatile, innovative web and application developer offering several years of success architecting business solutions, designing responsive applications, and identifying roadblocks during software development lifecycle using future-facing approach, technical acumen, and work ethic.

## TECHNICAL SKILLS

Hypertext Markup Language (HTML5), Cascading Style Sheets (CSS3), JavaScript, GitHub, jQuery, Bootstrap, Bulma, Application Programming Interfaces (APIs), Node.js, Express.js, Insomnia, Object-Oriented Programming (OOP), Jest, Inquirer, Object-Relational Mapping (ORM), RESTful APIs, Structured Query Language (SQL), MySQL, Sequelize.js, Handlebars.js, Model-View-Controller (MVC) Architecture, ESLint, MongoDB, Progressive Web Applications (PWAs), React.js, Apollo GraphQL, Python, Django, Docker, Vite, TypeScript

## EXPERIENCE

**Web and Mobile Applications Intern**, *Texas Advanced Computing Center (UT)*          Austin, TX (Sep. 2024 - Dec. 2024)
Leveraged web application skills to improve functionality of the [core portal](#) and [custom](#) systems. Learned current tech stack and how to navigate code hierarchy. Collaborated with mid-level and senior-level developers to solve large-scale problems.
- Prevented Denial of Service situations from supercomputers by integrating functionality that limits user file download sizes.
- Reduced React state management complexity by converting React Redux sagas to React Query mutations for all file-handling functions.

**Full-Stack Web Developer**, *Freelance*                                          Austin, TX (Apr. 2023 - Present)
Hold full accountability for creating websites, developing applications, guiding integrations, and rectifying bugs. Translate UX wireframes and mock-ups into responsive, interactive features. Build new applications while also continuously improving existing components. Document workflows for client's current tech stacks.
- Designed [NoSQL Social Network API](#), enabling enhanced interaction features like user profiles, thoughts, and reactions, closely mimicking social media functionalities.
  - Applied Node.js, Express.js, MongoDB, and Insomnia skills while establishing a comprehensive API with full CRUD capabilities, ensuring reliable, scalable user interactions.
- Engineered [MVC Tech Blog](#) platform that supports user registration, login, and interaction with blog posts, promoting community engagement and content sharing.
  - Built and tested robust full-stack application, ensuring complete CRUD functionality and dynamic web content management.

## EDUCATION

**Full Stack Web Development Boot Camp**, *The University of Texas at Austin*                          Austin, TX

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

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

## NOTABLE ACHIEVEMENTS

- Built professional reputation for rare blend of adaptability, passion for sharing knowledge, and solutions-oriented mindset combined with proficiency in HTML, CSS, JavaScript, GitHub, Node.js, Express.js, RESTful APIs, MongoDB, and React.
- Architected [SQL Employee Tracker](#), setting up initial schema, seeding database, and rigorously testing SQL queries and Inquirer prompts which enhanced business operations by seamlessly managing data on departments, roles, and employees.
- Completed 21 solo projects and three group projects during UT's full-stack coding bootcamp by leveraging time management skills, collaborative approach, technical abilities, and track record of success delivering projects on-time and within budget.
- Revamped [Game Worlds'](#) audio curriculum by designing accessible sound design tutorials with easy-to-use software, empowering students to independently create game audio, significantly enhancing learning engagement and creative expression.