Michael Hanna

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Analytical and creative problem solver transitioning from a successful career in music education and performance to software development. Experienced in modern JavaScript frameworks, full-stack architecture, and solo development. Strong communicator with a history of mentoring and teaching; thrives in fast-paced, learning-focused environments.

JavaScript • HTML • CSS
React • Next.js • Expo • Strapi
Symfony • Tailwind CSS • REST APIs
JWT • Git/GitHub • CMS Integration
Responsive UI Design

Project Experience

Uptown Alive – *Solo | 2024 | Next.js, Strapi, Tailwind CSS*
- Built a local business directory and content platform, integrating directory data with social-style media to drive engagement and discovery
- Developed Strapi backend to manage multiple post types (video, gallery, quote, blog) and created a custom plugin to auto-fetch map coordinates from OpenStreetMap
- Designed and implemented business landing pages and responsive media components in Next.js, with logic for smart video playback control
- Collaborated with media partner to align development with content strategy; project shelved after competing platform reached market first

HIIT the Deck – *Solo | 2023 | React Native, Expo, Redux*
- Built a mobile fitness app that gamifies workouts by drawing virtual cards, each triggering a configurable exercise and rep/time scheme based on suit, rank, and difficulty
- Developed animation-driven UI with real-time progress tracking and modular logic to support bilateral and scalable exercises
- Laid groundwork for future user customization features; UI for exercise editing in progress

25pines (Roku Feed Generator API) – *Solo | 2022 | Symfony, PHP, React*
- Created a REST API to manage video content and generate Roku-compatible JSON feeds
- Implemented CRUD operations with JWT-authenticated endpoints and a simple React admin dashboard
- Supported plans for a larger OTT content platform; project paused when client shifted focus

Professional Experience

Freelance Musician & Educator – *2018–Present*
- First-call woodwind doubler for local-run Broadway tours and saxophonist for Symphony of Northwest Arkansas
- Adjunct Instructor of Jazz Saxophone, University of Arkansas
- Manage a teaching studio of 15–20 students weekly while consulting in area band programs

Education

Master of Music (MM) — Central Michigan University, 2018
Bachelor of Music (BM), Summa Cum Laude — University of Arkansas, 2016