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.

Skills

Frontend: React, Next.js, HTML/CSS, TypeScript, Tailwind CSS · **Mobile:** React Native, Expo · **Backend:** Node.js, Symfony, PHP, REST, JWT · **CMS:** WordPress, Wix, Strapi · **Tools:** Git, GitHub, Docker, Azure (AZ-900) · **Other:** PostgreSQL, OBS/ATEM, AV systems

Project Experience

Uptown Alive – *Solo | 2024 | Next.js, Strapi, Tailwind CSS*
- Built a business directory + media platform with dynamic post types (video, blog, gallery, quotes)
- Developed custom Strapi plugin to fetch OpenStreetMap coordinates automatically
- Implemented landing pages and smart media playback logic in Next.js
- Worked with media partner to align dev with content strategy; project shelved due to market competition

HIIT the Deck – *Solo | 2023 | React Native, Expo, Redux*
- Developed a workout app where virtual cards trigger custom exercises by suit, rank, and difficulty
- Built animated UI with progress tracking and modular logic for bilateral/scalable exercises
- Engineered system to support future customization (editing exercises, routines, timers)

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
- Part of larger OTT plan; paused when client's business priorities shifted

Professional Experience

Freelance Technologist / Web Consultant – *2018–Present*
- Advised and troubleshot Wix-based web design issues for **LensAudio**
- Built and deployed sites in WordPress/LAMP for local small businesses
- Consulted on Microsoft 365 email migration for **Last Night Events**
- Provided contract AV support with **Bravis** for high-profile hybrid meetings for **Unilever**, including signal routing, camera switching, and livestream integration via OBS/ATEM

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