MICHEL HERRERA

Software Engineer | Programming Experience | Modern Tech Stack

@ Michelhm22@icloud.com   📍 Miami, Florida

EXPERIENCE

Freelance Software Engineer
01/2025 - Present

Amazing Minds Therapy (MIAMI THERAPY GROUP, LLC)
Miami, United States

Part-Time
- Developed a modern web application for a therapy practice using React, TypeScript, and Vite
- Built responsive UI components using Radix UI and shadcn/ui
- Implemented form handling and validation with React Hook Form and Zod
- Created data visualization dashboards using Recharts
- Optimized application performance and maintained code quality with TypeScript and ESLint
- Collaborated with stakeholders to implement features improving client engagement

Licensed Electrician
04/2020 - Present

Baptist Health
South Miami, United States

Full-Time
- Installed and tested electrical machinery and switchboard components.
- Performed generator testing in compliance with NFPA 110, 99 standards.
- Diagnosed and repaired electrical defects using testing instruments.
- Inspected and tested systems to ensure compliance with standards.

STACKS

Java · JavaScript · Python · TypeScript · HTML5 · CSS3 · Tailwind CSS · React · jQuery ·
Node.js · Django · RESTful APIs · Next.js · Vite · JSON · MySQL · Git · GitHub · AWS · Vercel ·
NPM · Visual Studio · JetBrains · Postman

EDUCATION

Bachelor of Arts in Computer Science
12/2022 - 12/2024

Florida International University

PROJECTS

Movie Tracker

A modern React application that helps users discover and track movies. Built with React 19 and Vite, it features movie search, detailed information, streaming availability, and favorites management. The app integrates with TMDB API and showcases responsive design principles for cross-device compatibility.

🔗 https://react-app-green-nine.vercel.app/

Amazing Minds Therapy Website

Designed and developed a modern, responsive website for Amazing Minds Therapy(*Miami Therapy Group, LLC*), a speech and language therapy practice in Miami. The site showcases the practice's services, team, and mission while providing an intuitive user experience for parents and caregivers.
In Progress — Launching Soon

🔗 https://amazingmindstherapy.com/

PROFESSIONAL SUMMARY

Transitioning from Licensed Electrician to Software Development

Results-driven Software Engineer with over two years of experience in full-stack development, project delivery, and client communication. Leveraging a unique background as a licensed electrician to bring problem-solving skills and attention to detail to software engineering. Proficient in modern web technologies and cloud services, with a track record of delivering responsive web applications and optimizing performance in Agile environments.

CERTIFICATION

Foundations of Cyber Operations
MITRE

Technical Interview Prep
CodePath

AWS Cloud Foundation
Amazon Academy

Python Developer
Sololearn

Electrical Journeyman License
Broward County, Florida

VOLUNTEERING

Database Management and CMS Development using Wix

Christ Fellowship

11/2024 - Present
- Database Structuring: Designed and managed collections to organize dynamic content efficiently.
- Data Integration: Connected datasets to various site elements for automated content updates.
- Dynamic Pages: Created and customized dynamic pages using Wix Data to display structured content.