MICHEL HERRERA

Associate Software Engineer | Programming Experience | Modern Tech Stack

@ Michelhm22@icloud.com　📍 Miami, Florida

EXPERIENCE

Freelance Software Engineer

Amazing Minds Therapy

12/2024 - Present
Miami, United States

Company Description
- 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

Baptist Health

04/2020 - Present
South Miami, United States

Company Description
- 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

Git · Java · NoSQL · React · SpringBoot · SQL · JavaScript · Tailwind CSS · Node.js · Django · jQuery · Python · TypeScript · Vite · React Router · Next.js

EDUCATION

Bachelor of Arts in Computer Science

Florida International University

12/2022 - 12/2024

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

Professional, user-friendly website for Amazing Minds Therapy using WordPress with customized themes and plugins aligned with business branding.
In Progress — Launching Soon

🔗 https://amazingmindstherapy.com/

SUMMARY

Junior software engineer with a unique background as a licensed electrician, transitioning into tech with over 2 years of hands-on experience in software development and client-facing roles. Proficient in Java, Spring Boot, and familiar with cloud platforms like AWS. Contributed to feature development and debugging in collaborative team environments, gaining practical experience in building and supporting web applications.

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.