

MICHEL HERRERA

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SUMMARY

Full Stack Developer who made the shift from being a licensed electrician to building innovative software. I work with React, TypeScript, JavaScript, C#, and Java to create responsive, user-friendly apps. I'm passionate about solving problems creatively and collaborating to deliver software that really helps clients succeed.

SKILLS

TypeScript, C, Python, Java, JavaScript, HTML, React.js, React Router DOM, Spring Boot, Vite, MySQL, Java Database Connectivity (JDBC), Hostinger, Wix, Content Management Systems (CMS), TMDB API, Postman, Object-Oriented Programming (OOP), Managing backup power Generators and Ups.

WORK EXPERIENCE

MIAMI THERAPY GROUP, LLC | Miami, Florida

January 2025 - Present

Freelance Software Engineer

- Built a modern web application using React, TypeScript, and Vite to improve client management and user experience
- Developed responsive UI components with Radix UI and shadcn/ui for a clean, accessible interface
- Implemented form handling and validation using React Hook Form and Zod for reliable data input
- Created interactive data dashboards with Recharts to support insights and reporting
- Improved app performance and code quality with ESLint and best development practices
- Collaborated with stakeholders to roll out features enhanced client engagement and streamlined operations

Baptist Health | South Miami, Florida

April 2020 - Present

Licensed Electrician

- Ensured 100% compliance with NFPA 110 and 99 standards for emergency power systems
- Diagnosed and resolved complex electrical issues with a 98% first-time fix rate
- Performed routine inspections and testing of critical power infrastructure
- Partnered with engineering teams to improve power distribution efficiency
- Maintained detailed documentation of all maintenance and system modifications per regulatory guidelines

EDUCATION

Bachelor's degree, Computer Science - Florida International University - GPA: 3.72/4.00

PROJECTS

Crypto Trading Bot | <https://coin-base-trading-bot-neon.vercel.app>

Developed a full-stack crypto trading bot using React and TypeScript, integrating the Coinbase API for real-time trading. Implemented secure data handling, reliable API communication, and a scalable architecture designed for future features like user authentication.

Database Management and CMS | <https://www.cfmiami.org/sermons>

Built a dynamic, scalable content platform for Christ Fellowship using Wix. Structured a database with Wix Data for real-time updates and enhanced site navigation for improved user experience.

Movie Tracker | <https://react-app-green-nine.vercel.app/>

Created a React app with real-time movie search using the TMDB API. Designed a responsive UI, added a local storage-based favorites system, and optimized performance using React 19 features.

CERTIFICATIONS

- Technical Interview Prep: CodePath
- Python Developer: SoloLearn
- Foundations of Cyber Operations: FIU
- AWS Academy Cloud Foundations: Amazon Web Services Training and Certification
- Introduction to Node.js LFW111: The Linux Foundation
- Electrical Journeyman: Broward County Government