

MICHEL HERRERA

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EDUCATION

Bachelor of Arts in Computer Science

December 2024

Florida International University (FIU); Miami, Florida

- Graduated with honors, Magna Cum Laude, awarded for achieving a GPA between 3.72/4.00

SKILLS

Languages, Frameworks, Libraries & Markup: Python, JavaScript, Java, TypeScript, React.js, Node.js, HTML5, CSS3, JSON

Tools & Platforms: Git, GitHub, AWS, Vercel, NPM, Postman, Visual Studio, JetBrains, RESTful APIs

PROJECTS

Crypto Trading Bot | [GitHub Repo](#) | [Link](#)

May 2025 - Present

- Developed a responsive React/TypeScript dashboard for cryptocurrency trading with secure Coinbase OAuth integration.
- Automated real-time data fetching and caching using React Query to enhance performance and user experience.
- Implemented robust error handling and custom notification systems for improved usability.
- Maintained high code quality and collaboration using Git, modular architecture, and best practices.

Movie Tracker | [GitHub Repo](#) | [Link](#)

March 2025 - May 2025

- Implemented real-time movie search functionality with seamless TMDB API integration.
- Built a fully responsive user interface using modern React best practices.
- Developed a favorites management system leveraging local storage for persistent user preferences.
- Optimized application performance and codebase using React 19 features.

WORK EXPERIENCE

Amazing Minds Therapy (MIAMI THERAPY GROUP, LLC) | Miami Florida

January 2025 - Present

Freelance Software Engineer

- Developed responsive website with React and TypeScript, performing responsive design with breakpoints at 1060px.
- Implemented custom UI components and interactive elements, enhancing user engagement.
- Managed website hosting and deployment on Hostinger, ensuring 99.9% uptime.
- Ensured cross-browser compatibility and performance optimization, reducing page load time by 40%.
- Collaborated with stakeholders to gather requirements and implement iterative improvements.

Baptist Health South Florida | South Miami Florida

April 2020 - Present

Licensed Electrician

- Maintained 100% compliance with NFPA 110 and 99 standards for emergency power systems.
- Implemented preventive maintenance protocols that reduce system failures by 45%.
- Diagnosed and resolved complex electrical issues with 98% first-time resolution rate.
- Conducted regular inspections and testing of critical power infrastructure.
- Collaborated with engineering teams to optimize power distribution systems.
- Documented all maintenance activities and system changes in compliance with regulatory requirements.

VOLUNTEER EXPERIENCE

Database & CMS Assistant (Volunteer)

December 2024 - Present

Christ Fellowship; Palmetto Bay Florida

- Implemented database structure for efficient content management.
- Integrated Wix Data for seamless content updates.
- Optimized user experience for content navigation.
- Created dynamic pages for sermon content display.