

# Maria Rodriguez

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## EDUCATION

### Florida International University

Bachelor of Arts in Computer Science

Certificate in Cybersecurity Intelligence & Information Policy

Miami, Florida

Expected Graduation, August 2025

- **Scholarships & Awards:** Dean's List: Fall 2023, Spring 2024, Fall 2024
- **Related Coursework:** Data Structures & Algorithms, Software Engineering, Computer Architecture, Operating Systems, Discrete Mathematics & Calculus, AI, Object-Oriented Programming, Database Management

## PROFESSIONAL EXPERIENCE

### Technical Solutions Specialist

JETSET Pilates

June 2022 – December 2024

Miami, Florida

- Engineered solutions to technical issues, troubleshooting app and booking system problems to **enhance system performance and user satisfaction**.
- Integrated seamless client onboarding processes by resolving platform sign-ups via phone, email, and in-person, ensuring a **100% resolution rate** and **high customer retention**.
- Maintained payment systems and business records, ensuring **data integrity** and improving **operational efficiency** through streamlined workflows, reducing **processing time** by **25%**.

### Full-Stack Web Developer & Digital Marketing Strategist

Style Link Miami / Hannah Bella Collections / VSP Studios

July 2018 – November 2020

Miami, Florida

- Crafted dynamic, user-friendly e-commerce websites with responsive designs and cross-device compatibility, improving **customer engagement**.
- Customized web pages using HTML, CSS, and CMS platforms (Squarespace, Shopify) to **enhance site functionality** and **user experience**, increasing site performance by **20%**.
- Optimized website load times and performance through image compression, code refinement, and browser caching techniques, **boosting** the site speed by **30%**.

### Data and Marketing Systems Manager

Mastery Glass Design

August 2017 – June 2018

Miami, Florida

- Managed business documentation, invoices, and inventory tracking using Microsoft Office Suite, QuickBooks, and Excel, **increasing operational accuracy** by **15%**.
- Analyzed performance metrics using Google Analytics and Facebook Insights, **generating reports** to optimize **marketing campaigns** across platforms.
- Developed and executed social media **strategies** on Facebook, Twitter, and Pinterest, increasing **brand engagement** by **25%**.

## PROJECTS

### EcoHabits: Sustainability Tracker | iOS Application | [Source Code](#)

Swift | SwiftUI | Xcode | Hugging Face API

- **Developed** an iOS app using Swift/SwiftUI to promote sustainable habits through **gamification** and an **AI-powered assistant** via the **Hugging Face API**. Integrated personalized guidance on environmental impact and behavior tracking, enhancing user engagement. **Implemented** an impact tracker to visualize progress, encouraging eco-conscious habit formation and fostering a community of users.

### Micro-Investment Platform | Full-Stack | [Source Code](#)

React | Node.js | Express | MongoDB | Alpha Vantage API

- **Engineered** an educational platform empowering beginner investors to explore strategies, assess risks, and understand market trends in a risk-free environment. Utilized **React** for a responsive UI and **Node.js** with **Express** for backend processing and secure **API** integration. **Managed** user data, virtual money, transaction history, and leaderboard rankings using **MongoDB**, integrating **Alpha Vantage** and **NEWS APIs** for real-time market data and news to enhance decision-making capabilities.

### Atmosphere Analyzer: Smart Data Visualization Tool | [Source Code](#)

Python | AWS (Lambda, S3) | React | Django

- **Optimized** an innovative environmental monitoring system that simulates real-time sensor data with **Python**, seamlessly integrating **AWS S3** for scalable data storage. **Leveraged AWS Lambda** for dynamic data processing and deployed **Django API** for data delivery. **Created** an intuitive, data-rich **React** dashboard to visualize key environmental metrics, delivering insights for sustainable resource management and fostering a deeper understanding of environmental trends.

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, HTML/CSS, JavaScript, TypeScript, C, C++, Swift

**Developer Tools:** Postman, Maven, Gradle, Git/GitHub, Cloud Platforms: AWS, Lambda, S3, MongoDB, Xcode

**Libraries/Frameworks:** Spring Boot, Fast/REST API, Node.js, Express, React, SwiftUI, Django