Maria Rodriguez

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GitHub: (mrodr1136) | Portfolio: (mariarodr1136.github.io/Portfolio/)

EDUCATION

Florida International University   **Miami, Florida**
Bachelor of Arts in Computer Science   *Expected Graduation, August 2025*
Certificate in Cybersecurity Intelligence & Information Policy

- **GPA:** 3.7/4.0, Dean's List
- **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   **June 2022 – October 2024**
JETSET Pilates   *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   **January 2019 – November 2020**
Style Link Miami / Hannah Bella Collections / VSP Studios   *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 Coordinator   **August 2017 – December 2018**
Mastery Glass Design   *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 | Mobile Application | GitHub Link   **Swift | SwiftUI | Xcode**

- **Developed** an intuitive iOS mobile application using **Swift** and **SwiftUI** that helps enables users to cultivate sustainable habits. **Incorporated** gamification features to boost user engagement and **integrated** an impact tracker to measure user progress and behaviors, fostering a community of environmentally conscious individuals.

Micro-Investment Platform | Full-Stack | GitHub Link   **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 | GitHub Link   **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, MySQL, HTML/CSS, JavaScript, TypeScript, C/C++, Swift,
Developer Tools: Postman, Maven, Gradle, Git/GitHub, Cloud Platforms (Lambda, S3), MongoDB, Xcode
Libraries/Frameworks: Spring Boot, Fast/REST API, Node.js, Express, React, SwiftUI, Django