

John Meraz

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Adaptable and motivated software engineer with practical experience in full-stack development, front-end design, and machine learning. Proficient in C++, JavaScript, and Python, with a solid understanding of modern frameworks, RESTful APIs, and cloud deployment. Bilingual team player with a passion for solving technical problems and delivering clean, user-focused solutions. Actively seeking full-time opportunities as a software engineer, developer, or technical intern to contribute to dynamic and impactful teams.

Skills

- ❖ **Programming Languages:** C++, JavaScript, Python, HTML, CSS
- ❖ **Frameworks & Libraries:** React, Bootstrap, jQuery, Express.js
- ❖ **Tools & Platforms:** MongoDB, PostgreSQL, Git & GitHub, Heroku, Xcode, Postman
- ❖ **Dev Practices:** Git, REST APIs, Agile workflows, Unit Testing
- ❖ **Other:** Bilingual in English and Spanish, Basic hardware/software troubleshooting, Basic Networking

Projects

Portfolio Website

- ❖ Created a personal portfolio site using HTML, CSS, and animations to display project work and provide professional contact information. Hosted via GitHub Pages.
- ❖ GitHub: <https://github.com/Johnmz20/Myflix-App.git>

Fish Tracker Web App

- ❖ Designed and built a responsive web application that allows users to log caught fish with details such as species, weight, length, date, and location.
- ❖ Implemented features for data persistence using browser local storage, enabling users to retain entries across sessions.
- ❖ Added a search bar to filter catch history and a pie chart to visualize species distribution.
- ❖ GitHub: <https://github.com/Johnmz20/FishTracking.git>

MyFlix App

- ❖ Allows users to create an account, browse movies, manage a favorites list, and update profiles.
- ❖ Created a RESTful API for a movie database using Express.js, Node.js, MongoDB, and PostgreSQL.
- ❖ Built a React front-end client for user registration, login, and movie management with JWT authentication.
- ❖ Deployed full-stack application on Heroku.
- ❖ GitHub: <https://github.com/Johnmz20/myFlix-client.git>

Professional Experience

Product Flow Specialist

November 2024- Current

Best Buy (Queens, NY)

- ❖ Ensured fast and accurate processing of online orders for pickup and shipping, improving overall customer satisfaction.
- ❖ Identified and managed damaged or returned items, improving backend inventory efficiency.
- ❖ Supported bilingual technical troubleshooting and software setup with the Geek Squad team, enhancing the customer experience.
- ❖ Maintained inventory organization through accurate sorting, unloading, and replenishment of stock.

Machine Learning Intern

January 2024- May 2024

York College (Queens, NY)

- ❖ Built and evaluated fraud detection models using Python, scikit-learn, and Jupyter Notebooks.
- ❖ Applied supervised learning techniques to real-world datasets in a collaborative team setting.
- ❖ Strengthened software development practices through GitHub version control, peer reviews, and team-based sprints.
- ❖ Conducted exploratory data analysis (EDA) to identify data quality issues and improve model accuracy through feature engineering.

Certifications:

- ❖ IBM Intro to Software Engineering (2025)
- ❖ IBM Introduction to HTML, CSS, & JavaScript (2025)
- ❖ IBM Introduction to Cloud Computing (2025)
- ❖ IBM Getting Started with Git and GitHub (2025)

Education:

York College, City University of New York (CUNY)

Bachelor of Science in Computer Science (Expected May 2025)