

Edward Basulto

Coconut Creek, FL 33066 | (786) 536-0954 | Edward.Basulto29@gmail.com

Professional Summary

Experienced Software Automation Engineer with a strong foundation in automation and test-driven development. Skilled in Python, C#, Java, and SQL with over 5 years of experience ensuring the quality and reliability of software. Proactively developed software tools and automated workflows to streamline testing processes, achieving a significant reduction in error rates.

Technical Skills

- **Programming Languages:** Python, C#, Java, HTML/CSS, PowerShell, Bash
 - **Frameworks & Tools:** .NET Framework, NUnit, Selenium WebDriver, ReSharper, Azure DevOps (Pipelines)
 - **Design Patterns:** Page Object Model (POM),
 - **Version Control:** Git, Bitbucket, Azure DevOps (Repositories)
 - **Databases:** SQL
 - **Operating Systems:** Linux, Windows
 - **Project Management and Issue Tracking:** JIRA, Asana, TestRail, ALM
 - **Practices:** Agile Scrum, Kanban, Continuous Integration/Continuous Development (CI/CD)
 - **Languages:** English, Spanish
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Security Service Federal Credit Union

Software Development Engineer in Test

August 2024 – Present

- Maintained automated test suites on the CI, ensuring tests passed for each run and proactively addressing failures.
- Utilized Azure DevOps to run test suites, monitor pipelines, and ensure all components were functioning as expected.
- Developed tools to test the software more effectively, improving test coverage and efficiency.
- Utilized SQL Server Management Studio (SSMS) to access the database, input data, and ensure automation tests pulled accurate data for validation.
- Followed the Page Object Model (POM) design pattern to structure and maintain automation test scripts efficiently.

UKG (Ultimate Kronos Group), Weston, FL

Software Quality Assurance Engineer II

May 2023 – July 2024

- Collaborated with development teams to design and implement code fixes for SaaS applications, significantly reducing bug resolution time.
- Designed, developed, and maintained automated test suites in C# utilizing the .NET framework and Page Object Model, significantly improving test coverage, efficiency, and execution frequency.
- Leveraged SQL for data manipulation, ensuring the accuracy of test environments and scenarios.
- Implemented fixes into the Continuous Integration system, increasing efficiency by over 25%.

Tyler Technologies, Remote

Quality Assurance Analyst

December 2021 – May 2023

- Led the implementation of Tyler Assurance, a test automation tool using C# and Selenium.
- Refined code and scripts for testing applications, contributing directly to product enhancements and feature development.
- Automated and manually tested regression stories using Python scripts, enabling the QA team to focus on current issues.
- Developed and maintained comprehensive documentation for data processes, systems, and applications.
- Conducted user acceptance testing (UAT) to validate feature implementation and ensure alignment with customer requirements.

DataRemote Inc., Miami, FL

Quality Assurance Automation Engineer

November 2020 – December 2021

- Designed and executed automation scripts using Selenium and Python, reducing manual testing time by 50%.
 - Actively participated in the development and refinement of new features and applications within an Agile framework.
 - Manually tested Linux-based applications running on remote servers.
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Education

Florida International University, Miami, FL

- Master of Science in Computer Science - *Graduated May 2024*
- Bachelor of Arts in Computer Science - *Graduated May 2020*