Nate Whitham

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Madison, WI

PROFESSIONAL SUMMARY

Experienced QA Automation Engineer with 6+ years in automation, regression testing, and CI/CD pipelines. Skilled in Selenium, C#, VB.NET, and Jenkins, with a strong track record of building reliable, maintainable test frameworks. Comfortable working in Agile teams and using tools like Git, ServiceNow, and Visual Studio to ensure high-quality and prompt releases.

TECHNICAL SKILLS

Languages: C#, JavaScript, VB.NET, SQL (basic)
Automation & Testing Tools: Selenium WebDriver, SilkTest, Playwright (learning), custom RPA scripting, Postman (familiar)
Test Management & Defect Tracking: ServiceNow, JIRA, Excel (test planning), qTest (exposure)
API & Integration Testing: RESTful APIs, JSON, XML, SoapUI (exposure)
CI/CD & DevOps: Jenkins, Git, GitHub, GitHub Actions, Visual Studio
Platforms & Environments: Windows, Mac, AWS-based staging (test execution), Web Browsers (Chrome, IE), ServiceNow

PROFESSIONAL EXPERIENCE

QA Automation Engineer II, *Farm Bureau Financial Services – 2023 to 2025*
- Led the development of automated test suites across 8 enterprise web applications using Selenium WebDriver and C#, reducing manual test time by 45%.
- Integrated Jenkins pipelines into CI/CD workflows, enabling automated nightly builds and improving test coverage consistency.
- Partnered with QA Analysts and BAs in Agile/Scrum teams to increase regression test coverage by 30% within two release cycles.
- Designed reusable Excel-based data-driven test plans, improving test case efficiency and adaptability to frequent UI and backend changes.
- Identified and resolved critical integration bugs through proactive debugging, increasing suite pass rate stability from 78% to 96%.

QA Automation Engineer, *Farm Bureau Financial Services – 2021 to 2023*
- Spearheaded migration from legacy VB.NET frameworks to Selenium WebDriver (C#) using Visual Studio and Git, improving automation maintainability by 60%.
- Established and maintained parallel test environments with distinct configurations to support feature flag validation and cross-browser compatibility.
- Automated compliance-related business processes using RPA scripts, saving approx. 80 hours per quarter in manual QA effort.
- Standardized Git workflows for all QA teams, reducing merge conflicts and versioning errors by 40%.

Software QA Associate, *Farm Bureau Financial Services – 2018 to 2021*
- Expanded Claims Processing regression test suite from 6 to 54 automated cases using SilkTest and VB.NET, improving defect detection rate in UAT by 55%.
- Optimized test execution timing and batch test organization, reducing average suite runtime by 25%.
- Created and maintained detailed Excel-based traceability matrices, ensuring test case alignment with business requirements and improving audit preparedness.

PERSONAL PROJECTS

Etch-A-Sketch
- Created a dynamic JavaScript web app simulating Etch-a-Sketch functionality*.*
- Incorporated grid rendering, color modes, and responsive UI components.

Game Review API Tests
- Built an automated test suite for RESTful APIs using Postman and JavaScript.
- Covered full CRUD validation, schema checking, and error handling scenarios.

CERTIFICATIONS/EDUCATION

Certified Tester - Foundation Level (CTFL), *ASTQB – June 2020*

Bachelor of Information Technology, *Purdue Global University – June 2018*