

Dan Dutil

Alexandria, VA | ddutil93@gmail.com | 301.467.0957 | [Portfolio](#) | [LinkedIn](#)

Summary

Versatile QA and Automation Engineer with 10+ years of experience spanning both Quality Assurance and Software Engineering. Skilled in designing end-to-end automation frameworks using Playwright, Selenium, and Postman for UI, API, and SQL database validation. Language-agnostic professional with hands-on experience in JavaScript, Java, Python, and C#, and a demonstrated capacity to rapidly adopt new tech stacks.

Work Experience

Crown Castle (Oct 2023 - Feb 2026)

QE Engineer II, October 2023 - February 2026 (Fully Remote)

- Owned the full testing lifecycle as the sole QE on multiple Agile teams developing in-house GIS web/desktop apps
- Engineered and scaled an automation suite of 100+ Playwright (JS) tests integrated into Harness CI/CD pipelines, monitored daily via Datadog dashboard, tests covered UI, API, and SQL database validation
- Architected a robust API regression suite of 1,000+ tests in Postman Enterprise that executed in minutes, providing immediate confidence in code stability before production deployments
- Accelerated test velocity using GitHub Copilot for rapid automated test development
- Designed and prioritized hundreds of test cases in QMetry including smoke, regression, P1-P4 to ensure release stability
- Partnered with Developers and PMs to influence product quality from inception, reviewed developer code frequently to identify edge cases missed, consulted with end users to align automation with real-world workflows
- Led a critical divestiture effort to cleanse, separate, and migrate GIS test assets during a corporate sell-off

Solers/Peraton (Jun 2015 - Oct 2023)

Test Engineer, September 2020 - October 2023 (Hybrid, Arlington, VA)

- Designed and implemented 1,000+ automated UI regression tests from scratch using Selenium (C#) and Visual Studio, covering complex multi-user roles across the entire application
- Performed critical smoke testing to ensure zero-defect deployments for 30+ prod deployments
- Tested countless stories and bugs, documenting detailed test execution steps and results within TFS/Azure DevOps
- Created over 100 high-priority defects found during manual, automated, and exploratory testing
- Executed API-level validation using Swagger, validated logs in Splunk

Software Engineer/Team Lead/Scrum Master, June 2015 - September 2020 (Hybrid, Arlington, VA)

- Maintained and added to preexisting Selenium automated test suite (Java) containing hundreds of UI tests, monitored results daily, mastered creation of XPath
- Became team lead and scrum master in 2020, led team of 5-10 members over 7+ months, including running sprint ceremonies, assisting team members, and conducting code reviews
- Completed back-end Java developer tickets, including creating and maintaining Unit Tests using JUnit
- Assisted the test team with regression testing before every release

Skills

- Languages: Java, JavaScript, C#, Python, SQL
- Automated Testing: Playwright, Selenium Webdriver, Postman Enterprise
- Cloud & DevOps: Git, GitHub, AWS, Harness, Jenkins
- SDLC & Test Management: Jira, Azure DevOps, QMetry, Agile/Scrum
- Other Tools: GitHub Copilot, Swagger, Datadog

Education and Certifications

- Bachelor of Science in Computer Science, University of Maryland, College Park
- AWS Certified Cloud Practitioner, Amazon Web Services

May 2015
December 2023

Clearance

Top Secret, last used October 2023