Scott Teel

QA Lead | QA Automation Architect | Senior QA Engineer

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SUMMARY

Seasoned Senior QA Engineer with over ten years of experience in manual and automated testing. Led projects to create test frameworks for web applications, databases, and APIs, while mentoring junior engineers. Proven ability to develop testing strategies that enhance software quality and reliability.

TECHNICAL SKILLS

- **General**: Fiddler, Ansible
- **UI Automation**: Selenium, Protractor, Cucumber/Jasmine, Appium, TestComplete, Pytest, Playwright
- **Test Management**: Quality Center, Microsoft Test Manager, Zephyr, qTest, TTM for Jira
- **API Testing**: Postman, Newman, Pytest, Cyara
- **Languages**: C#, Python, JavaScript, HTML, JSON
- **Scripting**: PowerShell, Bash
- **DevOps**: Azure DevOps, Bitbucket, TeamCity, ServiceNow, GitHub Actions
- **Server Admin**: Windows Server, Ubuntu, Red Hat
- **Web Servers**: IIS, Express, Apache
- **Virtualization**: AWS EC2, Azure, Hyper-V, VMware Workstation
- **Databases/GIS**: SQL Server, Oracle, MongoDB, PostgreSQL, ArcGIS
- **Analytics**: Pandas, Matplotlib
- **File Management**: AWS S3
- **Cloud**: AWS Systems Manager, AWS Lambda
- **Development methodologies**: BDD, TDD
- **RPA Tool**: Power Automate

PROFESSIONAL EXPERIENCE

Odyssey Logistics – Charlotte, NC   June 2023 – July 2025
Senior Quality Engineer

As a Senior Quality Engineer, I did the following:
- Interviewed testers, guided peers, and established best testing practices, resulting in improved testing efficiency and team collaboration
- Developed UI BDD test automation frameworks, initially utilizing Python and Selenium, later transitioning to Playwright. Test execution was automated via GitHub Actions on a daily schedule. The framework was integrated with Jira Test Management to update test case statuses and delivered result reports and screenshots to AWS S3. Test environments for the framework were provisioned and managed on AWS EC2 instances.
- Created test automation for data validation using Python and Pandas, ensuring data accuracy and reliability in testing processes
- Created and executed manual tests, contributing to comprehensive test coverage and identification of critical issues
- Obtained knowledge of logistics from order creation to tracking shipments from origin to destination, enhancing the ability to design relevant test scenarios
- Created automated tests using Selenium for Oracle ERP systems, improving system reliability and reducing manual testing efforts
- Generated test data using RPA tool Power Automate and Python Pandas, facilitating efficient test execution and data management

Ally – Charlotte, NC   **April 2021 – February 2023**

QA Automation Architect / Senior QA Engineer – Contract (April 2021 – April 2022) - Metro Systems

As a QA Automation Architect / Senior QA Engineer, I did the following:

- Created an automated test framework written in python that reads test results or executes tests of a Cyara Velocity campaign (group of IVR voice call functionality tests) then sends results to qTest.
- Used Python Pandas / Matplotlib to create simple test results reports / charts within the automation test framework s that I created.
- Utilized Cyara and qTest APIs within my automation framework.
- Executed Performance Tests using Cyara tool called Cruncher.
- Tested APIs of a middleware application.
- Tested Genesys IVR.
- Tested Genesys Chatbot Functionality.
- Mentored junior automation engineers, fostering skill development and team growth
- Executed a python / pytest training class for the test framework I created.
- Worked on an Agile Scrum Team and used Jira throughout the sprint.
- Updated Jira stories and Confluence pages using Python and Jira/Confluence APIs, ensuring accurate documentation

Bank of America – Charlotte, NC   **March 2020 - March 2021**

QA Developer – Contract - SkillStorm

As a QA Developer for an IT infrastructure improvement project, I did the following:

- Enhanced an existing API and UI test automation framework that utilized python, pytest, and selenium.
- Tested APIs that created and updated NetApp file systems, ensuring reliability and performance
- Tested APIs that backed up SQL Server and Oracle databases, verifying data integrity and backup efficiency
- Worked with developers to get their unit tests in the pytest framework.

Murphy USA – El Dorado, AR   **April 2018 – February 2020**

Sr QA Automation Engineer

This position was a Sr QA Automation Engineer role, see more details below:

- Created automated tests using C#, NUnit, and Selenium to functionally test web sites.
- Created automated tests using tSQLt to functionally test databases.
- Built a CI Environment in Azure DevOps to automate testing of websites and databases, which streamlined the testing process and reduced deployment times
- Mentored other QA Automation Engineers, enhancing their skills in automated testing and contributing to a more knowledgeable and efficient team
- Wrote manual and automated test cases using Selenium for the ERP System JD Edward, which improved system reliability and user satisfaction

Universal Weather and Aviation – Houston, TX   **March 2017 – March 2018**

Lead Software QA Engineer

While working at this position, I was the Lead Software QA Engineer in charge of the manual / automated system testing of the uvGO Web and Mobile Applications, see more details below:

- Managed offshore manual / automation test resources that test the uvGO web site, an internal angular web site, and an iPad / iPhone application.
- Directed offshore automation test resources and led the creation of an End-to-End UI automated testing framework, enhancing test coverage
- Created a C# Mobile App Test Framework using Appium.
- Ensured the successful and consistent deployments of uvGO web by setting the deployment release schedule, monitoring test results, ensuring the quality of the builds, and coordinating with Ops team.
- Created the API Test Framework for the Public APIs of the uvGO web application.
- Developed a C# console application utilizing Newman (Postman node.js command line tool) to test APIs, streamlining API testing processes
- Manually tested the uvGO website, internal Angular website, and iPad/iPhone application, ensuring application functionality and reliability
- Gained knowledge of TeamCity, BitBucket, and JIRA/Zephyr, enhancing project management and collaboration skills
- Worked on an Agile Scrum Team

NOV - Houston, TX   January 2017 - February 2017
QA Automation Engineer – Contract – VC5 Partners

While working at this position, I was a QA Automation Engineer position, see more details below:
- Created Selenium tests in C# to automate the regression and smoke tests of an Angular Web App.
- Collaborated with Manual QA Engineers to ensure the automated tests achieve the test coverage goal created by the team.

Schlumberger - Houston, TX   January 2006 - November 2016
Senior Software QA Engineer

This was a senior software testing position where I was a QA Lead for manual testing projects and directed the automated testing of middle tier web server, see more details below:
- Led QA for two projects, overseeing testing of collaboration and data management software, and supervised two software test engineers, ensuring high-quality deliverables
- Collaborated with a Software Engineer to create a REST API Testing Tool for a REST Web Server.
- Automated a non-angular application using Python/Selenium and JavaScript/Protractor, ultimately choosing Python/Selenium for its effectiveness
- Promoted to a Senior QA Engineer in 2011.
- Created & ran test cases and reported defects for Web Sites, Desktop Applications, GIS Applications, and Databases.
- Created Automated Test Cases and Scripts using TestComplete for a Database Application.
- Achieved certification as an ISO 9001 Internal Auditor, enhancing quality assurance capabilities
- Obtained the HP Quality Center Site Administrator in November 2009.
- Worked on an Agile Scrum Team

IGLOO Products Corp - Katy, TX   January 2005 – December 2005
QA Analyst – Contract – Independent Contractor

Acted as a QA Consultant and influenced the company's purchase of a performance testing too, see more details below:
- Set up and orchestrated stress tests for Oracle Applications, including Oracle 11i e-business suite, improving system reliability
- Interviewed users to gather requirements for stress testing Oracle Applications, ensuring comprehensive test coverage
- Set up proof of concept meetings with performance testing software vendors and IGLOO employees, facilitating informed deci- sion-making
- Evaluated performance testing software, including Load Runner and Open Load, leading to the selection of the most effective tool

Landmark Graphics - Houston, TX   July 2000 – August 2004
Software Test Engineer

Entry level testing position where I tested data management software applications in UNIX, Linux, and Windows environments, see more details below:
- Created & ran test cases and reported defects for a variety of GIS and Database management software applicati ons.
- Utilized Test Director and WinRunner to enhance testing efficiency and accuracy

EDUCATION

University of Oklahoma, Norman, Oklahoma
Bachelor of Business Administration, Management Information Systems

University of Oklahoma, Norman, Oklahoma
Bachelor of Art, Urban and Economic Geography

CERTIFICATIONS

- **ISO 9001:2008 QMS Foundation & Internal Auditor**: DNV-GL
- **Foundation Level Software Tester**: ISTQB