

Ryszard Tomaszewski

Senior SDET | QA Automation Lead

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Professional Summary:

Senior SDET / QA Automation Lead with 14+ years of experience in test automation, API testing, and quality engineering for enterprise web applications and financial systems. Proven expertise in designing and maintaining automation frameworks using Selenium, C#, and Java, executing UI and API test automation, and integrating automated tests into CI/CD pipelines. Experienced in Agile environments, cloud-based systems (AWS), and microservices architectures. Strong track record of improving software quality through automation, regression testing, and cross-team collaboration, including testing high-traffic financial platforms serving millions of users. Experience leading QA teams and mentoring engineers.

Technical Skills

Test Automation: Selenium WebDriver, SpecFlow, BDD, WebdriverIO, Test Automation Frameworks

Programming: C#, Java, TypeScript, SQL, Python

API Testing: REST API, Postman, Swagger, SoapUI

CI/CD & DevOps: Jenkins, Bamboo, Git, Bitbucket, CI/CD pipelines

Cloud & Platforms: AWS environments, SauceLabs, BrowserStack, Perfecto

Tools: Jira, Splunk, HP ALM, Telerik Fiddler

Testing: UI testing, API testing, regression testing, end-to-end testing, UAT

Methodologies: Agile, Scrum, DevOps, Test Planning, Test Strategy

QA Strategy & Test Planning, Risk-Based Testing, Test Automation Architecture

Experience

Senior QA Automation Engineer – Independent Consultant | Remote January 2025 - Present

- Provide SDET and QA automation consulting services for web applications and REST APIs.
- Design and maintain Selenium WebDriver automation frameworks using C# and Java for UI and API testing.
- Define automation strategy and improve test coverage for microservices-based applications
- Perform API validation using Postman and Swagger.
- Support CI/CD pipeline integration and automated regression testing.
- Validate cloud-based services deployed in AWS environments.
- Leveraging AI tools to optimize test automation efficiency

Senior Test Automation Engineer | Charles Schwab - Columbia, MD | February 2021- December 2024

- Developed UI and API automation tests for the Deny and Self Remedy initiatives, contributing to operational improvements that saved ~\$4M annually.
- Acted as QA lead for key initiatives, coordinating testing efforts and ensuring alignment with business and compliance requirements.
- Implemented BDD automation tests for international account-opening flows (HK, IN).
- Enhanced and maintained the existing automation framework (WebdriverIO, SpecFlow, C#) for improved test stability and coverage of single-page applications.
- Developed automation for AMEX integration and bot-detection (Crypto Cookie) initiatives.
- Integrated automation into CI/CD pipelines, enabling faster and more reliable releases.
- Contributed to quality metrics tracking, reporting, and continuous improvement efforts.
- Performed complex data validation and SQL-based testing to ensure data integrity across services.

Senior Test Automation Engineer | TD Ameritrade - Columbia, MD | November 2017- February 2021

- Developed and maintained Selenium automation tests in Java for the NCE team, reducing manual regression testing by 30%.
- Led QA and compliance testing efforts for regulated financial systems
- Implemented CI/CD automation pipelines using Jenkins with cross-browser testing on BrowserStack and Perfecto.
- Executed UI and API automation against cloud-hosted services and supported validation of AWS-based environments.
- Part of TDA retail projects: 2FA, market calendar. Testing using Telerik Fiddler, HP ALM, and Postman
- Part of the TDA-Scottrade team acquisition, integrating Scottrade accounts into TDA
- Orchestrated and conducted internal and customer test events, ensuring compliance with industry standards and business requirements
- Partnered with development teams through pair programming and served as the QA point of contact, facilitating clear communication and ensuring comprehensive end-to-end testing
- REST API service testing, functional, cross-browser testing, and regression, UAT

SDET | TD Ameritrade - Columbia, MD | October 2016- November 2017

- Created and executed tests for TDA retail web team in an Agile environment.
- Contributed to test automation framework development and improvements for enterprise financial applications
- Testing using Telerik Fiddler, HP ALM, Selenium, Jira, (functional, regression, automation)
- Refactoring automation (framework built in-house on Java with Selenium)
- Generated comprehensive test reports and defect reports, working closely with engineering teams to define mitigation plans and ensure seamless integration.

Automation test engineer/ Business Analyst | Roche - Poland and USA | September 2013 - October 2016

- Act as a subject matter expert on several technical projects: STAR/Bridge, RANGE, and 2FA-Genentech. QA team leader. Functional, performance testing, SIT, UAT
- Supported Salesforce-based sample management systems used in clinical cancer research, including test creation in HP ALM.
- Part of international teams: (Genentech) San Francisco, CA; (Ventana) Tucson, AZ; Madrid, Spain; Basel, Switzerland; Penzberg, Germany
- Developed functional tests for clinical studies project
- Developed and executed test plans for enterprise applications requiring regulatory compliance, collaborating with cross-functional teams to ensure security and functionality.

Education

Cardinal Stefan Wyszyński University, Warsaw, Poland

Master of Science in Computer Science and Econometrics

Bachelor of Science in Computer Science and Econometrics

Certifications & Languages

- Polish – fluent
- Russian - basics
- ISTQB Foundation Level
- ICAgile Certified Professional - Agile Test Automation
- ICAgile Certified Professional - Foundations of DevOps