

# MARKO IVANOVIC

ivanovic.sdet@gmail.com | 571-251-2125 | Bothell, Washington

## PROFFESIONAL SUMMARY

Impact-driven Software Development Engineer in Test (SDET) with 8+ years of progressive experience in building scalable automation frameworks and delivering high-quality software in Agile environments. Proven track record in Web UI, API, Mobile, and Database testing delivering critical enterprise systems solutions across banking, investment, and insurance domain. Adept at both manual and automated testing with a strong understanding of CI/CD pipelines, cloud infrastructure (AWS, Azure), and test strategy development. Passionate about optimizing test efficiency, driving quality engineering practices, and contributing to product excellence.

## TECHNICAL SKILLS

Java, C#, Python, JavaScript, SQL, HTML, CSS  
Apache POI, Appium, Serenity, Android Studio  
Maven, Jenkins, Github, Git, .NET  
Selenium WebDriver, Playwright, Pytest  
Agile (Scrum/Kanban), Waterfall  
Page Object Model, Singleton Design Pattern

Windows, Linux, MacOS  
AWS (EC2), Azure, Docker  
TDD, BDD, DDT  
RestAssured, Postman,  
Cucumber, TestNG, JUnit, JIRA  
Oracle, PostgreSQL, SQL, MySQL, JDBC

## WORK EXPERIENCE

**Software Development Engineer in Test (SDET)**  
*Costco Wholesale*

July 2024 - Present  
Issaquah, WA

- Design and implement robust automation test suites using C#, Selenium and .NET framework to validate critical workflows within SaaS schedule management software, ensuring HIPPA compliance and system reliability.
- Integrated Jenkins for smoke and regression tests for better CI/CD flow and test efficiency, slashing test cycle duration by 40% and ensuring complete coverage.
- Led cloud migration from internal servers to AWS cloud server that is currently hosting the SaaS solution software.
- Partnered with business stakeholders to lead the end-to-end migration of mission-critical scheduled database jobs from legacy systems and SSIS to a modernized AWS hosted environment. Successfully transitioned workload leveraging Python and scripting into scalable MySQL based solution, enhancing performance, maintainability, and cloud readiness.

**Quality Engineer (C13)**  
*Citi Bank*

July 2023 - June 2024  
Irving, TX

- Developed and maintained automation scripts using Selenium, Java, and TestNG for a high-volume financial platform.
- Performed end-to-end testing across UI, API, and database layers using Java, RestAssured, and SQL queries on Oracle DB to ensure financial integrity.
- Spearheaded regression and user acceptance testing cycles, reducing post-release bugs by 25%
- Led test planning for critical releases, ensuring data and privacy compliance and complete traceability across requirements.

## **Software Development Engineer in Test (SDET)**

*T.Rowe Price*

Jan 2021 - July 2023

Owings Mills, MD

- Implemented robust BDD test automation framework using Cucumber and Selenium that reduced manual testing by 60%.
- Automated REST API tests using Postman and RestAssured, validating secure financial transaction APIs.
- Deployed parallel test execution via Selenium Grid on AWS EC2, slashing total execution time significantly.
- Collaborated with Agile teams on story refinement and contributed to Sprint reviews with quality metrics.

## **Test Automation Engineer**

*Geico*

Dec 2017 - Dec 2020

Chevy Chase, MD

- Built maintainable Selenium automation suites for web application using POM and DDT framework.
- Designed and executed test plans for new policy administration modules, ensuring full end-to-end coverage and driver privacy compliance.
- Conducted mobile testing using Appium for iOS and Android devices, improving app store ratings through reduced defect leakage.
- Mentored junior QA staff and implemented code reviews to enforce best practices in test design.

## **HIGHLIGHTS AND IMPACT**

- Reduced test execution cycle by 40% through Jenkins-integrated automation framework for SaaS solutions at Costco.
- Led AWS cloud migration of internal servers and database jobs, modernizing infrastructure and improving scalability and maintainability.
- Designed HIPAA-compliant test suites using C#, Selenium, and .NET to ensure reliability of critical schedule management workflows.
- Migrated legacy SSIS workflows to Python/MySQL-based pipelines, improving performance and cloud-readiness for business-critical operations.
- Consistently validated regulatory compliance (e.g., HIPAA, financial standards) across backend, API, and UI layers.

## **LINKS**

[www.linkedin.com/in/marko-ivanovic93](https://www.linkedin.com/in/marko-ivanovic93)

<https://github.com/MarkoDev-Apps>