

Masad Ilyas

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Summary:

- With over nine (9+) years of software testing expertise, specializing in Selenium WebDriver.
- Demonstrated mastery of the entire Software Development Life Cycle (SDLC) and Software Test Life Cycle.
- Proficient in crafting, evaluating, and executing Test cases, Test Scenarios, Test Scripts, and Test Plans for both manual and automated testing.
- Extensive proficiency in automating test scripts using Selenium WebDriver, encompassing script refinement, adept use of explicit wait strategies, and synchronization techniques.
- Recognized authority in elevating Automation frameworks through the strategic deployment of tools such as **Maven, Cucumber, and TestNG**.
- Distinguished record of accomplishment in diverse testing domains, including Smoke, GUI, Functional, Integration, System, Front-end, Regression, and User Acceptance testing for both Client/Server and web applications.
- Adept practitioner of QA methodologies, with a resolute focus on Agile
- Proven experience in critical security testing realms, encompassing penetration testing, network security, cloud security, and Ransomware assessment.
- Proficiency in Back-end testing, evidenced by the formulation and execution of intricate SQL queries.
- Exceptional communication skills, both written and verbal, complemented by formidable analytical prowess and adept problem-solving abilities.
- Demonstrated agility in swiftly adapting to new tools, techniques, and methodologies.

Technical Skills:

Testing Tools	Selenium WebDriver, TestNG, Maven, Cucumber, JIRA, Appium, SQL Developer
Languages	Java, JavaScript, C#, HTML, CSS, Python, TypeScript, Python
Databases/ CM	Oracle, Microsoft SQL Server, MySQL, Git, SharePoint, MongoDB
Other Tools	Jenkins, Git, Maven, Postman, Docker, REST APIs

Work Experiences

Udemy Alumni- Jan 2024-May 2024

Participated in 5+ programming courses to learn software developer skills and developed interactive projects including Codebook and Forkify.

Wells Fargo- NYC February 2023- Present
Lead QA Automation Engineer

- Led peer reviews of software requirements, designs, and test procedures, ensuring alignment with business rules.
- Spearheaded comprehensive test plans and cases, analyzing results effectively.

- Navigated the SDLC and QA's critical role.
- Managed tests and scripts in JIRA including bug tracking.
- Utilize Selenium WebDriver, Eclipse, Java, and TestNG for scripting. • Led BDD tests with Cucumber, covering GUI, functional, and database testing.
- Optimized test cases and debugged code efficiently.
- Proposed process enhancements, playing a key role in implementation.

Albertsons, Pleasanton, CA February 2022- 2023

Quality Engineer

Order processing for customers, tracking and testing. on Safeway eCommerce Grocery Delivery front-end (UI) and back-end.

Responsibilities:

- Actively engaged in release planning, sprint planning, retrospectives, and daily scrum sessions within an agile Scrum development environment.
- Proficiently crafted Behavior-Driven Development (BDD) test cases using Gherkin language.
- Spearheaded the design and creation of comprehensive Test Plans and Test Cases.
- Proficiently conducted Smoke, Functional, Integration, System, and Regression testing.
- Evaluated the application under various scenarios, encompassing both positive and negative conditions for order placement and tracking.
- Collaborated closely with developers and business analysts to assess functional requirements effectively.
- Skillfully executed query operations on Oracle databases to validate data integrity, employing standard SQL functions and commands.
- Demonstrated expertise in testing web services, leveraging SOAP and REST protocols.
- Ensured thorough validation of test cases and performed Testing on IOS and Android Simulators.
- Fostered collaboration with Developers and DevOps teams to validate deployments across diverse environments, harnessing technologies such as Jenkins, Docker, Terraform, and AWS.
- Implemented cutting-edge CI/CD tools, including GitHub and Jenkins, to optimize software development and deployment workflows.
- Leveraged SQL queries for database validations, data generation, and streamlined debugging tasks.
- Architected and maintained a robust test automation framework utilizing Selenium WebDriver and TestNG for a high-impact e-commerce platform.
- Executed automated regression test suites, proactively identifying critical defects in the early stages of development and enhancing overall product stability. Developed and implemented data-driven test scripts using TestNG.

Master Card, New York, NY March 2019 – February 2022

Lead Senior Test Engineer

Payment processing for small business by setting up Biller profiles for invoice, non-invoice processing using ACH, Debit card, Credit card, and PayPal.

Responsibilities:

- Participate in release **planning, sprint planning, retrospective, and daily scrum** for agile scrum development
- Extensively work throughout defect life cycle from opening to closure using JIRA
- Develop **Behavior Driven Development (BDD)** test cases using Gherkins
- Design and develop **Test Plan, Test Cases, and Automated Test Scripts**
- Perform **Smoke, Functional, Integration, System, Regression, and GUI** testing
- Develop automation script with **Web Driver** using **Java, Cucumber** and **TestNG**
- Utilized TypeScript features like interfaces, classes, and modules to enhance code organization and maintainability.
- Conducted code reviews and provided constructive feedback to improve TypeScript code quality and maintain coding best practices.
- Automated Testcases with **JavaScript** using Mocha Framework
- Test the application for both positive and negative scenarios
- Interact with developers and business analysts to assessed functional requirements
- Perform **cross-browser testing** for the web interface, and mobile application
- Performed query operations on **Oracle** to do data validation. Used standard **SQL** functions and commands to develop **SQL queries**
- Follow up with the developers on defects status daily, and generate reports for managements
- Mobile App; automating test cases using Mocha framework for IOS and Android real devices and Simulator
- Testing on Sauce Labs with real devices.

Walmart, Reston, VA, June 2017– February 2019

Lead Test Engineer

Inventory Management System with data analytics to collect information for order placement, tracking, and decision making.

Responsibilities:

- Contributed to release planning, sprint planning, daily scrum and retrospective in agile.
- Established test cases in Gherkin and automated them using cucumber.
- Performed test activities and defect tracking using JIRA.
- Developed and executed comprehensive test plans and test cases using JUnit, utilized JUnit assertions and annotations to validate expected results and ensure proper system behavior.
- Developed test scripts using java in Selenium Web Driver with maven, cucumber, and Test NG
- Developed Java programs using Object Oriented Programming (OOP) concepts
- Performed test automation Development using test framework that implements Page Object Model (POM), cucumber feature, and Test NG configuration files
- Implemented Maven for Project building, and Git for code management repository
- Performed Restful API testing using Rest Assured and Java
- Checked database to determine successful transaction of test data from the application by establishing connectivity using SQL commands.
- Developed and implemented automated test scripts for web and mobile applications using Java, JavaScript.

- Utilized testing frameworks such as Selenium WebDriver, Appium, or similar tools to automate test cases and streamline the testing process.
- Coached and mentored Junior test engineers on various testing efforts and processes

United Health, Basking Ridge, NJ, March 2016 - May 2017
QA Analyst

Multi-platform application designed and developed for individual customers in mind and offer electronic repository for the health insurance provider.

Responsibilities:

- Employed **test plans**, **test cases**, and **test scripts** based on functional specifications
- Contributed to **daily scrum** meetings and **sprint review** meetings in high paced software development lifecycle
- Automated new test scripts using **Cucumber**, **WebDriver**, and Java
- Implemented **Page Object Model (POM)** concepts using Page Factory to manage objects separately making the framework reusable and scalable.
- Implemented implicit wait and explicit wait in Selenium scripts to ensure that the scripts are synchronized with the application.
- Designed and developed high level and detailed Test Cases using **Gherkins**.
- Developed complex SQL queries for database testing.
- Conducted performance tests using JMeter, identifying performance bottlenecks and suggesting optimizations for improved system efficiency.
- Proficient in using Unix tools for version control, such as Git, for collaborative software development.
- Developed and implemented automated test scripts for web and mobile applications using Java, utilized testing frameworks such as Selenium WebDriver, Appium, or similar tools to automate test cases and streamline the testing process.
- Proficient in Facets Config testing, ensuring the accurate configuration of the Facets system for healthcare insurance processes.
- Utilized testing tools and techniques to perform end-to-end testing of Facets Configurations, ensuring the integration with other modules and system components.
- Worked effectively in a Unix environment and collaborate with cross-functional teams, including developers and system administrators.
- Produced comprehensive documentation, including end-to-end workflows, testing strategies, and conducted cross-training sessions to enhance knowledge sharing within the department.

Education/ Certification:

Bachelor of Science in Biology, City University of New York - Lehman College
 Certificate in Cybersecurity, Springboard
 Certificate in Software Test Automation