KHAYYAM ALIYEV

PITTSBURGH, PA

+1412 877 2031 # # WWW.IAMSDET.COM

Summary

Software Engineer with experience in all levels of Testing including **Functional**, **Smoke**, **Regression**, and **User Acceptance Testing.** Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.

- 6+ years of professional experience in Testing with extensive knowledge of Automation Framework Design & Implementation using **Selenium** Tool.
- Experience in **Manual** & **Automated Testing** of **GUI** and functional aspects of Client-Server and Web-Based Applications on multiple levels of Software Development Life Cycle (**SDLC**) and Software Testing Life Cycle (**STLC**).
- Good Knowledge of **Object-Oriented Programming Concepts (OOPS)** and **Java** Skills.
- Good experience in **Data-Driven and Hybrid Testing.**
- Experience in **Functional, Regression and System Testing** using **Manual and Automated Testing tools - Selenium WebDriver**.
- Good experience in developing Automation Framework using **Cucumber BDD**, **JUnit**, **Gherkin**, **Java** and **Selenium WebDriver**.
- Experience in data- driven Test using **Jenkins and Excel.**
- Worked on **Cross browser Testing**, browsers like Mozilla Firefox, Google Chrome and Edge using **WebDriver**.
- Well versed with **Agile** process.
- Experience in analyzing **Business**, **Functional** and **Technical** Specifications.
- Expertise in performing different types of Testing: **Black Box, Smoke, Functionality, Mobile Testing, Regression Testing and Full Life Cycle Testing.**
- Experience in **Software Verification and Validation based on Testing Methodology.**
- Experience with **Mobile Automation Tool Appium automation.**
- Developed **Hybrid** and **Cucumber Framework** for executing **Selenium Test Scripts**.
- Experience with continues integration tool **Jenkins**, build tool **Maven** and version control / source code management tool **GitHub** implementation for **Selenium Scripts** and also had an exposure to DevOps.
- Possess working Knowledge on **Web Services Testing** using **Postman.**
- Experience in Validating Web Services **Postman** request and response XML and **REST** Services.
- Experienced in giving training to the **Functional Testers** to execute **Test Cases** using **Selenium** as part of **Regression Testing.**
- Good experience in Page Object Model to Automate **Functional** and **Regression** Testing by creating **Hybrid** Framework using **IntelliJ**, **Maven**, **Java**, **Cucumber** and **Selenium WebDriver**.
- Ability to work in a fast-paced, deadline-driven environments.
- Experience in automation technologies like, **Jenkins, Selenium Grid/RC/WebDriver, Maven, JUnit.**
- Experience in **Data- Driven Test** using **Jenkins.**
- Excellent interpersonal and customer relational Skills.
- Strong working experience in domains like **Financial**, **Management**, **Consulting**, **Banking, Technology** related applications**.**
- Proven communication, presentation Skills and Leadership Qualities.
- Sound Technical knowledge, excellent exposure and ability to learn any tool quickly.
- Good analytical and **communication skills** and ability to work independently with minimal supervision and also perform as part of a team.

Skill Highlights

- **Testing Tools:** Selenium 3 Web Driver/RC/IDE/Grid, Postman, Appium
- **Defect Tracking Tools**: Jira X-Ray, Confluence
- **BDD Frameworks**: Cucumber, Keyword and Data driven Framework
- **Programming Languages**: Java, Python, Oracle SQL, MSSQL
- **Web Services**: REST API
- **Web Technologies:** HTML, CSS, Java Script, XML, Amazon Web-Service (AWS), JSON
- **Platforms**: Windows, MAC OS X
- **Databases**: Oracle SQL
- **IDE & Reporting Tools**: IntelliJ, Eclipse
- **Methodologies**: Agile Scrum, Waterfall, SDLC
- **Build Tools**: Maven
- **CI /CD Tools**: Jenkins, Docker
- **Unit Test Frameworks**: JUnit, Cucumber BDD & TestNG
- **Domain Knowledge**: Finance, Security Management, Technology, Health Care, Consulting etc.
- **MS Office**: Outlook, Word, Excel, PowerPoint
- **Source Version Control Tools:** Git, GitHub, Gitlab

Experience

QE Software Automation Engineer in Test - 01/2022 – to Present
BNY – Pittsburgh – Capital Markets Treasury Management

- Established descriptive, segregated layout of Application Under Test (**AUT**) by supplying **Page Object Model** (**POM**) with Page Factory
- Converted behavior of the application into Cucumber Feature files, and implemented with Cucumber Options, **Cucumber** Tags, Scenario, Scenario Outlines, Step Definitions in **Gherkin** format
- Actively engaged in technical discussions, contributed to cohesive automation framework building from scratch using **Maven, Selenium WebDriver**, **Java**, **Cucumber** (**BDD**)
- Performed and maintained end-to-end **UI automation**, **Regression** and **Smoke** as a discrete step of the deployment process by using Selenium WebDriver, **Java** (**OOPS**)
- Maintained descriptive programming (Java OOPS) to create effective and efficient reusable functions
- Extensively used **Maven as Build Management**, and **Docker** as **CI/CD Pipeline** to run test scripts after each Git push/commit
- Evaluated user stories and attended in **Scrum meetings, Sprint Planning** & **Review Sessions**
- Designed **Test Scenarios**, **Test Cases**, **Test Scripts**, **Test Data**, **Test Procedures**, **Test Reports** based on the examination of **Business Requirements Document** (BRD), user stories
- Responsible for maintaining scripts in a neat function library to be used by the team
- Extracted Test Data from external files using Apache POI loaded into variables
- Designed, planned, and developed automated test scripts to be used in UI testing with **Selenium WebDriver, Java**
- Involved in preparing test execution report and generation following **Quality Assurance** best practices
- Utilized Confluence for test case management and **Status/Exit report** on identified, reported bugs
- Proactively tracked the **bug tracking** progress to resolution
- Performed **backend testing** of the application using **API-SQL query** to confirm the correctness of data entered via UI

Software Automation Engineer in Test - 08/2019 to 01/2022
BNY Mellon – Pittsburgh – Investment project
- Analyze the Business Requirements and closely work with the Business Team to get the clarifications addressed.
- Run Defect Trailing and Review the **Test Scenarios**/ **Test Cases** with Business.
- Thorough experience in **Agile, Scrum methodologies**.
- Designed, executed and maintained **Selenium WebDriver** (Cucumber, JUnit) automated **Test Cases** for **Regression Test Cases.**
- Selected the **Test Cases** to be automated and performed **Functional Testing** of the **Front-end** using **Selenium** (IDE and Web Driver) & created **Data Driven Framework** using **JUnit** or **Cucumber.**
- Executed parallel browser Testing on various machines using **Selenium Grid** and performed cross browser Testing.
- Performed Mobile testing by developing and executing test scripts for both Android and iOS platforms using **Appium**, **JAVA**, **Cucumber** and **Maven**.
- Generating the detailed reports of the Bugs, Test Execution summary reports.
- Experience in Testing the applications Manually and using Automated Testing tools like **Selenium**, using both **Black Box** and **Gray-Box Testing** techniques.
- Conducted the team meetings for discussing the status and issues.
- Attended Weekly/Daily reports to clients based on the status of execution/defects. Execute the **Test Cases** and review the results to get the Business approval for UAT.
- Experience in Web Services Testing using **Rest API** and **validated Restfull API services.**
- Test automation for Web application using **Cucumber.**
- Wrote Tests using **Java** Web applications. Web controls Testing - wrote automation to Test the controls from **End-to-End** starting to invoking in different browser.
- Implemented automation using **Selenium WebDriver**, **JAVA**, **Selenium Grid**, **Cucumber**, and **Maven.**
- Automation of **Test Cases** using **Selenium WebDriver**, **Cucumber, Page object Model (POM).**
- Designed and documented **REST/HTTP APIs**, including **JSON** data formats and **API** versioning strategy.
- Involved in **Data Driven Testing** using **JDBC** Connection and validated services using assertion in **POSTMAN**.
- Implemented **Selenium** tool (**Selenium GRID**).
- Configured **Selenium Grid** to execute the scripts in cross browsers.
- Tracked defects using **JIRA** and generate defect summary reports.
- Developed **BDD Tests** using **Cucumber** by writing features and developed the required **Selenium** support code in **JAVA** for **Cucumber.**
- Experience assessing Testing processes, creating, implementing Testing strategies and SQA strategies using **Agile-Testing** methodology.
- Involved in GUI Testing, **User Acceptance Testing**, **Integration Testing** and **Regression Testing** using Web and client-server applications.
- Expertise in validating **REST** based web services.
- Developed simple to complex **SQL Queries** and generated reports based on business requirements.
- Created XML based test suit and integrated with **Jenkins Server** to execute automation scripts on a regular basis by scheduling **Jenkins jobs** in different test environments with different test configurations.

Automation Tester - 11/2017 to 07/2019
Philips – Pittsburgh – Quality Management System
- Involved in analyzing Requirement Specifications and development of **Test scenario.**
- Developed Test conditions and **Test Cases** for **User Acceptance Testing** and executed **Test Case Scenario.**
- Used **Selenium IDE** and **Selenium WebDriver** for generating **Test Scripts** and to Automate Functional and **Regression Testing** using **Selenium.**
- Automate the **Test Cases** using **Selenium WebDriver** with **JAVA Framework TestNG.**
- Used **TestNG Framework** to run **Unit Test** and **Maven** to build the Project. Extended **TestNG** Framework
- Conducted **Black box**, **Functional**, **Regression**, **Mobile Testing**, **Smoke Testing** with **IntelliJ TestNG**, **Selenium WebDriver**, **Maven**, **Java**, for Web-based applications.
- Used **Java** and **TestNG Framework** for scripting; Used **Maven** for building the Web Driver project.
- Extensively worked on **Selenium WebDriver** with the preferred Languages **Java.**
- Created **Selenium Test Cases** for automation using **Selenium WebDriver and Java.**

- Performed **Data Driven Testing** using **Selenium WebDriver**, **TestNG** functions and **JDBC Connections** which reads data from Scripts using property and XML files.
- Developed test code in **Java** using **IntelliJ IDE** and **TestNG Framework**.
- Performing **Data driven Testing** to validate the components displayed on the website using **Selenium.**
- Expertise in **Functional, Data-Driven, Load Testing** for Web services and Web-based applications using **Postman.**
- Developing Framework using **JUnit**, **TestNG** and **Page Object Model**.
- Involved in **Agile** methodology with **SCRUM** Process for the product development.
- Wrote **SQL Queries** to retrieve data from the databases to validate the GUI front end data against data in the database by using SQL Server Management Studio.
- Writing **Test Plans** and **Test Cases** using **MS Excel** and **JIRA Xray**.
- Report and create defects in **JIRA** and **Microsoft Excel**.
- Generated, parsed and validated **JSON** and **XML** formatted data using Groovy Script that received in response from **REST API** calls.
- Created **Selenium WebDriver** automation Scripts using **Java** to validate functionality on various browsers.
- Involved in running **Selenium** automation scripts and updating the scripts according to enhanced requirements using **Selenium WebDriver and Java.**

Junior Tester - 09/2016 to 10/2017
Bosch Group – Pittsburgh – Security Project

- Reviewed & Analyzed Functional Specification Requirements in order to understand the AUT.
- Extensively used Selenium **WebDriver**, **JUnit** and **TestNG** to write **Test Cases** and automate all the **Test Cases.**
- Involved in **SCRUM** meetings with the Development and Product Management team and analyzed and developed product stories and included them in **Sprint backlog**. Involved in complete **SDLC -Agile** methodology. **Test Scripts** were automated using **JUnit and Cucumber with Selenium WebDriver** for the application.
- Worked with an **Agile** team who were creating application create a using different languages, where I used **Selenium** a for Testing code.
- **Cucumber** was used for the entire **Regression Testing** and **Functional Testing** with **Selenium** as primary tool to the **Test Scenarios**, **Test Cases** and **Test conditions** identified.
- Prepared **Test Cases** with the complete description of requirements, uploaded **Test Cases** and report results into **JIRA**. Defects were linked via traceability to specific **Test Case.**
- Performed **Functional**, **Regression**, **Smoke Testing.**
- Reviewed **Test Plans**, **Test Cases** and **Test Scripts** to ensure consistency with strategic direction, goals and objectives of QA resources working on the project with **Agile SCRUM methodology**.
- Conducted **Test Cases/Test Plan** review meeting with project management team for approvals.
- Worked as **Manual** and **Automated Tester** and **Analyzed Business and Functional requirements** of the application and worked with Business users to understand project requirements and to figure out the scope of Test strategy.
- Participated in peer reviews of functional specification, application previews, and **Test Plans/Test Cases.**

Education

Bachelor Degree

Languages

English, German, Russian, Turkish

Work Authorization

Authorized to work in the US