KAMRAN ALAKBAROV
SOFTWARE DEVELOPMENT ENGINEER IN TEST

PROFESSIONAL SUMMARY:

- More than **Twelve (12)** years of experience as a **Software Development Engineer in Test (SDET)**
- Excellent interpersonal skills, proven team player with and analytical bent to problem solving and delivering under high stress environment.
  Expertise in **Manual** and **Automation** Testing of Web-Based application using **Java, Selenium,** and **BDD Framework.**
- Led cross-functional teams with expert guidance in the successful execution of complex projects, achieving deliverables ahead of schedule while maintaining stringent quality standards and ensuring seamless collaboration among team members.
- Substantial experience as a **Java** Developer, encompassing the design, coding, and maintenance of **Java-based** applications. Proficient in applying **object-oriented programming** principles, utilizing **Java libraries** and **frameworks**, and collaborating within **cross-functional** teams to deliver **high-quality** software solutions.
- Proven ability in creating and maintaining automation frameworks using **Java, Selenium WebDriver, Cucumber, TestNG, JUnit, Maven, Jenkins**, etc. tools.
- Experience in **Core Java**, development by applying different concepts like OOP concepts, Collections, Exception handling, etc.
- Expertise in using various defect-reporting and defect – tracking tools like **Jira** and **Jira Xray**.
- Excellent knowledge and implementation skills in complete Software Development Life Cycle **(SDLC)** and Software Testing Life Cycle **(STLC).**
- Hands-on experience in creating and maintaining test automation with **Behavior Driven Development** framework **(BDD), Keyword Driven,** and **Data-Driven framework** using **Cucumber, Gherkin, JUnit, TestNG** and **Page Object Models (POM).**
  Implemented **TestNG, JUnit** in a grouping of Test Cases, Test Suites for **Regression** and **Functional testing**, designed **Annotations** and **Assertions** to organize the flow of the scripts.
- Experience with running **Cross Browser Testing** on different machines against different browsers simultaneously or parallelly by utilizing **Selenium Grid**.
- Expertise in using **Jenkins** to pull the code from the repository, scheduling the **Smoke Test** and **Regression Test** for Continuous Integration (CI/CD).
- Experienced in the testing database of applications developed with MySQL and Oracle DB along with **JDBC Library** for automation.
- Experience in installation and administration of version control systems like **GIT, GitHub.**
- Demonstrated expertise in Playwright **automation, complementing Selenium** and **Java** skills, to enhance web applications and seamlessly integrate with **CI/CD** pipelines for efficient development.
- Proficient in medical device testing, with expertise in **ICE**, ensuring compliance with regulatory guidelines and quality standards.
- Designed and implemented an **AWS-based Continuous Integration/Continuous Deployment (CI/CD)** pipeline, leveraging services such as **AWS Code Pipeline**, **Code Build**, and **Code Deploy** to automate the end-to-end software delivery process, resulting in a 30% reduction in deployment time and a 50% decrease in manual errors.
- Proficient in utilizing **ICE** techniques to evaluate software systems activities, ensuring compliance with **IEC** 62304 medical device software standards, and facilitating robust verification and validation processes.
- Demonstrated proficiency in identifying and resolving material-related issues, resulting in a 20% reduction in production downtime.

- Played a **pivotal role** in **cross-functional teams**, effectively addressing material problems, leading to a 15% improvement in product quality and a 10% increase in customer satisfaction.

TECHNICAL SKILLS:

Testing Tools:	Selenium WebDriver, Cucumber, TestNG, JUnit
WEB Services Tools:	RESTful, SOAP, Jackson-Databind, REST-Assured, Postman, SoapUI
Build Tool:	Maven
IDE:	Eclipse, IntelliJ
CI Tool:	Jenkins
Cloud Computing :	AWS (including EC2 , Lamda, Cloud watch)
Programming Languages:	JAVA, SQL, HTML, OOP, GHERKIN
SQL Tool:	DBeaver, Microsoft SQL, MySQL Workbench, Oracle SQL
Repository System:	GitHub, Bitbucket
Operating System:	Windows, Mac
Methodologies:	Agile (Scrum)
Tests Performed:	Functional testing, Regression testing, Smoke testing, Positive/Negative, API, Database testing

EDUCATION:

- **Bachelor's degree** of **Regional Studies** (Major)/**Computer Science** (Minor) from **Baku State University,** Baku, Azerbaijan   **2013**

PROFESSIONAL EXPERIENCE:

Bank of America|| Plano, TX   Mar 23 to Present
Lead Software Development Engineer in Test (Including Mobile application)

Responsibilities:
- Led a team of mobile automation engineers in designing and implementing automated testing frameworks for **iOS and Android applications**.
- Successfully implemented from scratch the continuous automation on AWS EC2's by using the below framework to Elastically Execute parallelly 100s of cross-browsers in synch using TestNG with Jenkins Continuous Integration including advanced logging Extent reports
- Developed and maintained a robust suite of automated test scripts using tools such as Appium, Selenium, or other mobile automation frameworks.
- Mentored junior team members, fostering a culture of knowledge sharing and continuous skill development .Identified mobile elements using Appium Inspector, UI Automator Viewer
- Attended weekly/daily review meetings to discuss defects along with testers and developers under Agile/Scrum framework, attended Daily Scrum, Grooming, Sprint Planning, Retro and Demo meetings.
- Developed and maintained Test Cases, Test Procedures and Test Scripts for manual testing
- Managing security groups on AWS and custom monitoring using cloud watch
- Experience creating **Requirement Traceability Matrix** between requirements and test cases for full coverage of the test requirements.
- Conducted **positive** and **negative** testing for data integrity and testing purposes.
- Implemented agile QA processes and practices, including defect and test management.
- Performed requirements analysis for **functional testing**, **smoke**, **regression**, and **UAT** testing.
- Created **SQL** queries for data verification against entered information.

- Involved in **UAT**, **Regression**, **Functional** and **Smoke** testing.
- Performed automation testing using Appium
- Conducted manual API testing using **POSTMAN** tool.
- Reviewed the business requirements document with Business Analysts for clear requirement specifications.
- Involved in **Test Automation** for **UI/API** testing, with **Selenium Webdriver and REST Assured**.
- Maintained and updated **UI/API** frameworks, reusable methods, classes, test data based on **Cucumber BDD** **TestNG**.
- Responsible for creating and entering bugs using **Jira**.
- Performed **Data-Driven Testing** to read test input data from an Excel File to test the application with different positive and negative data.
- Collaborated with cross-functional teams, including developers, product managers, and quality assurance, to ensure comprehensive test coverage and timely release of high-quality **mobile** applications.
- Implemented best practices for **mobile** test automation, including **continuous integration and continuous delivery (CI/CD)** pipelines, version control, and test data management.

Kaiser Permanente || Pleasanton, CA   Aug 20 to Mar 23
Sr. Software Development Engineer in Test

Responsibilities:
- Extensively involved in analyzing **Business Requirements**, created **Test plans,** and prepared detailed **Test cases** for Applications under Test (AUT).
- Participated in all the **Scrum Ceremonies** like **Sprint Grooming, Sprint Planning, Daily Scrum, Sprint Demo, Sprint Retro** meetings.
- Performed Test Execution, defect logging, and tracking using **JIRA**.
- Experienced working with **Selenium** Automation Tool, and **WebDriver** to Test **UI Applications**
- Extensively created **SQL** statements to query the Database for Data Validation and Data Integrity using **SQL** management tool.
- Developed Rest APIs services , Deployed them in **AWS** EC2 and **AWS** serverless Lamda
- Primary duties included **Smoke, Integration, Regression,** and **Functional**, including execution, defect tracking, and reporting
- Mentored junior team members, fostering a culture of knowledge sharing and continuous skill development .Identified **mobile** elements using Appium Inspector, UI Automator Viewer
- Created and executed both **manual** and **automated** scripts to test function and backend testing.
- Performed Data Driven Testing using **Selenium WebDriver, JUnit** framework, and **JDBC** Connections.
- Used **Selenium WebDriver** with **Java** to generate automated test scripts for functional testing, **GUI** testing, and enhancing the existing scripts
- Implemented **JUnit** as behavior-driven development **(BDD)** testing framework, developed **Page Object Model** and defined dependencies in **Maven** Pom.xml.
- Maintained **Requirement Traceability Matrix** (**RTM**) between requirements and test cases.
- Performed Back-end testing of **AWS** Cloud Databases using Oracle, SQL, Java, and JDBC API.
- Maintain automated Functional & Regression test suites and implement new automated test scripts using **JUnit** framework
- Maintained **API Automation** framework, created reusable **Functions** classes and methods to reduce code redundancies
- Carried out daily **API** activities such as sending requests, receiving response, storing **JSON** data as a object, using **POJO** concept parsing or verifying data, and pos-test activities, such as cleaning data from Database which created during test execution

Allstate Insurance || Irving, TX   May 18 to Jul 20
SDET/Test Automation Engineer

Responsibilities:
- Maintained and executed **Maven** build files for running automated test cases along with Continuous Integration tools like **Jenkins**.
- Automate **smoke** and **regression** tests by taking the code from **GIT**.
- **Cucumber** features to test the functionality of the application using **Selenium WebDriver.**
- Participated in preparing test cases using **Selenium WebDriver** to validate all **UI** components, Popup Windows, and Mouse Movements.
- Provided email test reports for management using the **Cucumber** JVM report plugin in **Jenkins**.
- Maintained **Requirement Traceability Matrix (RTM)** between requirements and test cases.
- Developed **Data Driven Framework** using **Selenium WebDriver, Maven,** and **Junit.**
- Integrated Automation scripts using **Selenium WebDriver** on Continuous Integration tool Jenkins for a nightly batch run of the script.
- Involved in designing and deploying multitude applications utilizing almost all of the **AWS** stack focusing on high-availability, fault tolerance.
- Worked with **Scrum** Team members to achieve common goals/vision.
- Analyzed business, functional requirements, and design review documents to develop **test plans** and **test cases.**
- Redesigned the existing framework to a more efficient framework using **Page Object Model** and **Page Factory Design.**
- Ran parallel and cross browsing testing with **TestNG** in Selenium.
- Conducted **Java** and **Selenium WebDriver** mentoring sessions for new **QA** engineers.
- Developed and executed SQL queries on database to validate test results using DBeaver.
- Executed **manual** and **automated** test cases and logged defects in **Jira**.
- Created manual test cases and steps for **RESTful API Web Services**.
- Conducted daily back-end testing activities such as sending **HTTP methods GET, PUT, PATCH, POST, DELETE** to send and receive response to the endpoint.
- Ran automation testing using **Appium**
- Maintained Automated API test cases using **Rest-Assured, Maven, JUnit,** and **Cucumber.**
- Performed **Smoke, Functional, API, Regression, Black-Box** in Web Application.
- Worked with built-in Java based Libraries in order perform data parsing, data validation, and data filtration for **JSON** and **XML** data format.

Bank of America || Charlotte, NC   May 16 to Apr 18
SDET/QA Automation Tester

Responsibilities:
- Attended weekly/daily review meetings to discuss defects along with testers and developers under **Agile/Scrum** framework, attended **Daily Scrum**, **Grooming, Sprint Planning, Retro and Demo** meetings.
- Developed and maintained **Test Cases**, **Test Procedures** and **Test Scripts** for manual testing.
- Used **Appium** and **selenium** (for computer automation scripts) for automation testing
- Experience creating **Requirement Traceability Matrix** between requirements and test cases for full coverage of the test requirements
- Developed, Executed, and Maintained Test Automation Framework based on **Page Object Model** (POM) build with **Java, Selenium WebDriver, TestNG, Rest assured, Apache POI, Extent Reports**
- Conducted **positive** and **negative** testing for data integrity and testing purposes.

- Implemented agile **QA** processes and practices, including defect and test management.
- Performed requirements analysis for **functional testing**, **smoke**, **regression**, and **UAT** testing.
- Created **SQL** queries for data verification against entered information.
- Involved in **UAT**, **Regression**, **Functional** and **Smoke** testing.
- Conducted manual API testing using **POSTMAN** tool
- Created and updated **ALM** objects using **XML**, **HTML**, **Java**, and **beanshell**
- Reviewed the business requirements document with Business Analysts for clear requirement specifications.
- Involved in **Test Automation** for **UI/API** testing, with **Selenium Webdriver and REST Assured**.
- Maintained and updated **UI/API** frameworks, reusable methods, classes, test data based on **Cucumber BDD** ,TestNG
- Responsible for creating and entering bugs using **Jira**.
- Performed **Data-Driven Testing** to read test input data from an Excel File to test the application with different positive and negative data.

Collezione Italia || Baku, Azerbaijan   Sep 10 to Aug 15
Software Development Engineer in Test
Responsibilities:
- Consistently delivered code of **high quality by adhering to best practices** in design and coding.
- Used **Java** concepts like Collections, Generics, Exception handling, Concurrency to develop business logic
- **Leveraged** experience as a Senior Software Engineer to comprehend the complete software development process, from **coding to deployment**. Creating comprehensive **test scenarios**
- Designed and developed using the **Java** collection **API** with **Java 8** features and for Authentication and authorization extensively Spring Security is used
- Spearheaded **UI/API** testing automation with Selenium **Webdriver** and **REST Assured**.
- Designed, developed and implemented **POM** based automation-testing framework utilizing gherkin, Testing and **intellij IDEA**
- Enhanced and maintained **UI/API** frameworks based on **Cucumber BDD** TestNG
- **Allocating** user stories to the team and **review PRs and merge them.**
- A deep understanding of potential software **vulnerabilities and areas of concern**.
- Collaborated with cross-functional teams, including product managers and quality assurance, as a Senior Software Engineer. This collaborative approach endures in the SDET role, where close cooperation with developers and testers ensures high-quality software releases.
- **Demonstrated proficiency** in adjusting to **Agile** methodologies in both roles. Successful participation in Agile ceremonies, such as Scrum, plays a **critical role in the SDET position**, contributing to more efficient development processes.

Kamran Alakbarov

- Plano, TX, US

Contact Information

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- 9133037042

Work History

Total Work Experience: 14 years

- **Lead Software Development Engineer In Test (Including Bank Of America**
  Mar 01, 2023

- **Sr. Software Development Engineer In Test Kaiser Permanente**
  Aug 01, 2020

- **SDET/Test Automation Engineer Allstate Insurance**
  May 01, 2018

- **SDET/QA Automation Tester Bank Of America**
  May 01, 2016

- **Software Development Engineer In Test Collezione Italia**
  Sep 01, 2010

Education

- **Bachelors** | Regional Studies (Major)/Computer Science (Minor) from Baku State University

Skills

- **api** - 12 years
- **automated testing** - 12 years
- **automation** - 12 years
- **framework** - 12 years
- **java** - 12 years
- **qa** - 12 years
- **restful** - 12 years
- **scrum** - 12 years
- **selenium webdriver** - 12 years
- **software** - 12 years
- **ui** - 12 years
- **api qa** - 10 years
- **bdd** - 10 years
- **cucumber** - 10 years
- **engineering** - 10 years
- **testng** - 10 years
- **agile** - 8 years
- **software development** - 8 years
- **selenium** - 7 years
- **sdet** - 9 years

Work Preferences

- Desired Work Settings: Remote or On-Site or Hybrid
- Likely to Switch: False
- Willing to Relocate: True
- Travel Preference: 100%
- Preferred Location:
  - San Diego, CA, US
  - Dallas, TX, US
  - Sunnyvale, CA, US
- Work Authorization:
  - US
- Work Documents:
  - Employment Auth. Document
- Desired Hourly Rate: 75+ (USD)
- Security Clearance: False
- Third Party: True
- Employment Type:
  - Full-time
  - Contract - Corp-to-Corp
  - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice: https://www.dice.com/employer/talent/profile/06c95820651b53b3c7969dbaaa95c089