**Bhaskar Panduru**

Lead QA Automation Engineer

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**Willing to Relocate**

**Lead QA Automation Engineer** with 10+ years of experience in all phases of SDLC and STLC using Automation and Manual Testing of Web, Mobile and client/server applications. Experienced in Software Testing (Automation, Manual and Web Services) with a solid understanding of Test Plans, Test Scenarios, Test Cases, Test Data, Defect Reporting & Tracking. Diversified experience in Testing (Automation, Manual and Web Services) of various domains such as **Finance**, **Insurance, Retail,** **Banking, HealthCare, and eCommerce**.

**PROFESSIONAL SUMMARY**

* Experience in different phases of Software Testing and Software Development Life Cycle (SDLC) including **Agile Methodology/SCRUM, Waterfall.**
* Experience in defining **Testing Methodologies, Creating Test Plans and Test Cases, Verifying and Validating Application Software** and Documentation based on standards for Software Development and effective QA implementation in all phases of **Software Development Life Cycle** (**SDLC**).
* Experience in Web based testing including **GUI Testing, Regression Testing, Integration Testing, System Testing,** Performance Testing**, Functional Testing, and Unit Testing**, User Acceptance Testing and Black Box Testing, **Cloud** Testing.
* Expertise in automation of Web-based application testing using **Selenium Web driver, Selenium RC, Selenium Grid, Selenium IDE** and Expertise in **Cross-Browser and Compatibility Testing** to see their behavior with different browsers and in different environments.
* Expertisein dealing with open source tools like **Selenium (IDE, RC, WebDriver and Grid), SoapUI, Appium, JUnit, Jira & Eclipse.**
* Expert in performing **Data driven testing** **& Key word driven testing** using Selenium WebDriver and RC
* Good exposure to **Big Data, Hadoop (Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Experience working with Automation Frameworks in maintaining **Record, Playback, Keyword Driven, Data Driven, Hybrid driven, Page Object Models & Cucumber**.
* Used Selenium Web driver, Parallel Processing, Eclipse **TestNG Annotations** in creating HTML reports, Test Suites and Test Scripts.
* Experience in working with **Java and OOPS** concepts required for the **Selenium Frameworks.**
* Identified GUI elements and perfect with different **Selenium locators** like **ID, Link** Text, Name,Partial Link Text**, XPath, DOM and CSS to** create the scripts of Automation.
* Used **Selenium Screenshots** for Bug Reporting. Debugging is done using Extent Reports to see reports library in TestNG. Involved in testing the web pages.
* Designed and Implemented **Selenium WebDriver Automation Framework** for **Smoke** test and **Regression** test using **TestNG**.
* Used **Maven** and **Ant** as build tools for projects.
* Experienced in back end testing. Involved in Database testing, **Data Validation**, Data integration.
* Retrieved data from **Relational Database Oracle (SQL)** to prepare Test Data.
* Developed Selenium **Synchronization** using Implicit and Explicit waits and Fluent Wait conditions.
* Expert in developing test Scripts to implement the Test Cases, Scenarios, Steps, Step Definitions and Features **for BDD (Behavior Driven Development), TDD (Test Driven development) and ATDD (Acceptance Test Driven Development) using Cucumber and Selenium.**
* Strong Knowledge on **Web Service** and Hands on. Experience in validating and testing **Web Services** using **SOAPUI** and **REST** Services.
* Experience in QA tools like **SOAP UI Pro, XML, JUnit/TestNG, ANT, HP Quality Center, JIRA, Rally, HP ALM, Cascade, Eclipse** **and Bugzilla**.
* Proficient in **Java, VB, HTML, XML, SQL, GROOVY** Scripting and **MS Excel, Word, SharePoint**.

**TECHNICAL SKILLS**

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| --- | --- |
| **Test Approaches** | Waterfall, Agile/Scrum, SDLC, STLC, Bug Life Cycle. |
| **Testing Tools** | Selenium IDE, Selenium RC, Web Driver, Selenium Grid, TestNG, JUnit, Auto It, Cucumber, Big Data, Hadoop (Hive/Spark/Kafka/Scala), ETL, Data warehousing |
| **Test Build& Integration Tools** | Maven, ANT, Jenkins/Hudson, GitHub, Appium, Web services, SOAPUI and RESTFUL, SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer). |
| **Frameworks** | Keyword Driven, Data Driven, Hybrid, Page Object Model (POM) |
| **Programming Languages** | HTML, C, C++, Java, VB Script, Java Script, XML, CSS, Eclipse, Python, Gherkin. |
| **Databases** | My SQL, Oracle, SQL Server, ETL, |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari, Opera |
| **Operating Systems** | Windows 7,8, 10, Ubuntu, Linux, Mac. |
| **Defect Tools** | JIRA, HP ALM, Rally. |
| **MS Office Tools** | MS Outlook, MS Word, MS Excel, PowerPoint, MS Access, Microsoft Project, MS One Note, SharePoint. |
| **Utilities** | Eclipse, Tortoise SVN, Fire Bug, Fire Path. |

**Education:**

**Bachelor of Engineering in Computer Science, SIETK College, India. 2006 – 2010**

**PROFESSIONAL EXPERIENCE**

**Client: Apple, Sunnyvale, CA Jan 2017 - Current**

**Lead QA Automation Engineer**

**Project Description:**

**Apple Inc.**, formerly **Apple Computer, Inc.**, American manufacturer of personal computers, computer [peripherals](https://www.merriam-webster.com/dictionary/peripherals), and computer [software](https://www.britannica.com/technology/software). It was the first successful personal computer company and the popularizer of the graphical user interface to help give your employees the best experience on iPhone, iPad, and Mac, we’ve partnered with some of the world’s leading companies in enterprise services. Whether you’re looking for mobile strategy consulting, app development support, back-end system integration, or corporate network services.

**Responsibilities:**

* Involved in **Sprint planning, Review Sessions, Scrum meetings**. Developed Test Scenarios,Test Cases, Test data, Test procedures, Test reports.
* Mentored and trained new QA resources on testing concepts and AGILE Scrum methodology
* Developed and Executed **Test Scripts** using **Selenium WebDriver, TestNG.** Analyzed **Test Results. Validated** all UI components, Popups, Browser navigations, **Mouse Movements.**
* Worked with **TestNG** for Smoke Test and Regression Tests**. \** Good exposure to **Big Data, Hadoop(Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Executed **Functional Testing**, **Integration Testing, System Testing, Cloud** Testing
* Performed **parallel and Cross Browser as Selenium, TestNG** on different browsers like Internet Explorer, Chrome, Safari and Firefox where multiple tests were run at the same time.
* Took the **Application Screenshots** and copied the images whenever exceptions occurred.
* Developed test automation **Artifacts** (scripts, functions, scenarios, processes) for simple to complex automated testing situations using various tools like **Selenium, Cucumber, TestNG and XPath**.
* Used **Data driven testing**, **Hybrid Framework** with **Page Object Model** (POM) approach and extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
* Configured the **Test Cases** to receive input **Test Data Sets** for the corresponding test cases using TestNG **Data Provider** Annotation.
* Managed user stories and tasks using **HP ALM, Rally** as project management tool.
* Used **Firebug, Fire Path** to debug, edit and locate the objects based on ID, Name, XPath, CSS Selector, Link, Partial Link, Attributes and Tags.
* Performed **BDD (Behavior Driven Development)** using **Cucumbe**r Features, Scenarios and Step Definitions in **Gherkins format**.
* Managed the **dependencies** and jars using **Maven**.
* Maintained the Selenium & Java Automation Code and resources in source controls like **GitHub, Jenkins** for improvements and new features.
* Performed **Risk based testing, black box testing, database testing, and web-based testing** on several test phases.
* Performed **TDD** (Test Driven Development) for the faster delivery of applications.
* Used **Appium** for testing mobile based applications by using **selenium** webdriver.
* Configured Hub and Node connections by giving Port number in **Appium.**
* Good exposure to **Big Data, Hadoop(Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Involved in **Web services** testing using **SOAPUI** Tool. Validated request and response XML.
* Added assertions to validate the XML in Web services using **SOAPUI and RESTFUL** Web services.
* Checked performance of application using **Selenium** and **JMeter**.
* Checked response code, response message and response body by **API testing**.
* Verified the integration of various components in the applications and executed end-to-end testing.
* Experienced in using Selenium **Browser** **stack** cloud for testing applications in different environments.

**Environment:** Selenium WebDriver, Oracle 12c, Selenium IDE, Jenkins, Soap UI, Java, CSS, XML, Rally, Microsoft Office, TDD, BDD, Cucumber, Gherkin, Eclipse, GIT, Browser Stack, JUnit, Maven, TestNG, Github, Agile, Big Data, Hadoop (Hive/Spark/Kafka/Scala), ETL, Data warehousing, SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).

**Client: Altria Group Inc, Richmond, VA Sep 2015 – Dec 2016**

**Lead QA Automation Engineer**

**Project Description:**

Altria Group is one of the world’s largest producers and marketers of tobacco and related products. This project creates a new portal called “Insights c3m” for internal employees to work for external stores to place orders and process payments.

**Responsibilities:**

* Involved in **Sprint planning, Review Sessions, Scrum meetings**. Developed Test Scenarios,Test Cases, Test data, Test procedures, Test reports.
* Mentored and trained new QA resources on testing concepts and AGILE Scrum methodology
* Developed and Executed **Test Scripts** using **Selenium WebDriver, TestNG.** Analyzed **Test Results. Validated** all UI components, Popups, Browser navigations, **Mouse Movements.**
* Worked with **TestNG** for Smoke Test and Regression Tests**.**
* Good exposure to **Big Data, Hadoop(Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Executed **Functional Testing**, **Integration Testing, System Testing, Cloud** Testing
* Performed **parallel and Cross Browser as Selenium, TestNG** on different browsers like Internet Explorer, Chrome, Safari and Firefox where multiple tests were run at the same time.
* Took the **Application Screenshots** and copied the images whenever exceptions occurred.
* Developed test automation **Artifacts** (scripts, functions, scenarios, processes) for simple to complex automated testing situations using various tools like **Selenium, Cucumber, TestNG and XPath**.
* Used **Data driven testing**, **Hybrid Framework** with **Page Object Model** (POM) approach and extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
* Configured the **Test Cases** to receive input **Test Data Sets** for the corresponding test cases using TestNG **Data Provider** Annotation.
* Managed user stories and tasks using **HP ALM, Rally** as project management tool.
* Used **Firebug, Fire Path** to debug, edit and locate the objects based on ID, Name, XPath, CSS Selector, Link, Partial Link, Attributes and Tags.
* Performed **BDD (Behavior Driven Development)** using **Cucumbe**r Features, Scenarios and Step Definitions in **Gherkins format**.
* Managed the **dependencies** and jars using **Maven**.
* Maintained the Selenium & Java Automation Code and resources in source controls like **GitHub, Jenkins** for improvements and new features.
* Performed **Risk based testing, black box testing, database testing, and web-based testing** on several test phases.
* Performed **TDD** (Test Driven Development) for the faster delivery of applications.
* Used **Appium** for testing mobile based applications by using **selenium** webdriver.
* Configured Hub and Node connections by giving Port number in **Appium.**
* Good exposure to **Big Data, Hadoop(Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Involved in **Web services** testing using **SOAPUI** Tool. Validated request and response XML.
* Added assertions to validate the XML in Web services using **SOAPUI and RESTFUL** Web services.
* Checked performance of application using **Selenium** and **JMeter**.
* Checked response code, response message and response body by **API testing**.
* Verified the integration of various components in the applications and executed end-to-end testing.
* Experienced in using Selenium **Browser** **stack** cloud for testing applications in different environments.

**Environment:** Selenium WebDriver, Oracle 12c, Selenium IDE, Jenkins, Soap UI, Java, CSS, XML, Rally, Microsoft Office, TDD, BDD, Cucumber, Gherkin, Eclipse, GIT, Browser Stack, JUnit, Maven, TestNG, Github, Agile, Big Data, Hadoop (Hive/Spark/Kafka/Scala), ETL, Data warehousing, SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).

**Client: GE Power, Atlanta, GA Jun 2014 – Aug 2015**

**Lead QA Automation Engineer**

**Project Description:**

Field Vision is a mobile/web application which includes Power, Granite, Aero & TMS businesses. This is primarily developed for Field Engineer, Supervisor & Managers who involves with GE customers to support in Outage maintenance for Power equipment’s. Mostly involved in Functional & Regression testing for Tasks, Timesheets, Performance Tracking & Reports modules.

**Responsibilities:**

* Worked in **Agile/Scrum** methodology, performed agile testing to check entire functionality of application.
* Worked as a QA lead to understand the business requirements and developed **test** **cases** to test the complete functionality of the application.
* Involved and developed comprehensive **Test Plans**, **Test Cases** and **Test Scripts.**
* Developed test plans by understanding the Business logic and User Requirements for Manual and Automation Testing.
* Provided testing for native software on a variety of **Mobile** **devices** to ensure compatibility of the devices with **Data driven testing**.
* Involved in writing **Test Plan**, which detailed the testing scope of applications. Hi-level test requirements and necessary resources.
* Handled **dynamically** changing web elements and **frames** in selenium.
* Used **Firebug/Fire Path** Add-on tools to be constructed locators using Id, Name, CSS and X-Path.
* Developed automation framework using Selenium **Webdriver**and developed test scripts.
* Developed Data driven framework using **Selenium** with **Java**.
* Good exposure to **Big Data, Hadoop(Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Tested the web pages manually as well as using Selenium automation tool.
* Extensively used **TestNg** annotations for grouping test cases and running selenium test scripts.
* Documented Test Cases corresponding to business rules and other operating conditions.
* Involved in **Functionality** testing**, regression** testing, **Cloud** Testing and **system** testing.
* Performed in intensive Regression Testing with the help of data driven approach using Selenium **Webdriver** and apache POI.
* Responsible for **SIT** and **UAT** phases and led status/Defect management calls with stakeholders and product manager.
* Used **Log4j** for logging the actions performed.
* Performed **Web services** testing using **Postman**.
* Experience in **Agency Port** and **Duck Creek Azure Cloud.**
* Participated in UAT and worked with **HP ALM, Jira** for bug and defect tracking.
* Analyzed user requirements, attended Change Request meetings to document changes and implemented procedures to test changes.
* Wrote **SQL** queries extensively and queried databases (**MySQL**).
* Used **AutoIt** for handling windows based popup’s.
* Good exposure to **Big Data, Hadoop(Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Extensively worked on **Sauce** **labs** for testing applications in different environments.
* Responsible for updating existing **Test Cases** against the change of requirements.
* Created specific business scenarios to test as part of **UAT**.
* Responsible for Backend testing and executing **SQL** queries.
* Experienced in using **SVN** repository for source code management.
* Updating the existing **ANT** and **Maven** files for building the test scripts.
* Executing Test scripts automatically using CI tool **Jenkins**.
* Used **Cucumber** extensively for ensuring the behavior of the application.
* Writing Scenarios in **Gherkin** language for executing tests in **cucumber**.

**Environment:** Selenium WebDriver, TestNg, MySQL, Selenium IDE, Jenkins, Soap UI, Java, CSS, XML, Jira, Microsoft Office, TDD, BDD, Cucumber, Gherkin, Eclipse, SVN, Sauce Labs, JUnit, Maven, TestNG, Agile, Big Data, Hadoop (Hive/Spark/Kafka/Scala), ETL, Data warehousing, SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).

**Royal Bank of Scotland, Bangalore, India Jul 2012 – May 2014**

**Senior QA Automation Analyst**

**Project Description:**

This project creates a new portal called “@work” to support employees work for corporate card services to serve the customers in an effective way.

**Responsibilities:**

* Involved in gathering/analyzing the System Requirement Specification, user requirement, functional requirement and software design document.
* Enhanced product test coverage and quality by tracking **test** progress, analyze, monitor and maintain metrics.
* Used **JDBC, JPA** for database connectivity and **JSP, JSF, HTML, CSS** for presentation layer of application.
* Developed standard templates for **testing** including System Test plan, and Requirement traceability matrix (**RTM**), Test Cases and **defect** documentation.
* Good exposure to **Big Data, Hadoop(Hive/Spark/Kafka/Scala), ETL, Data warehousing Concepts.**
* Experience with **SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).**
* Used **python** scripts with selenium for automation testing of web applications.
* Facilitated resolution and communication with cross-functional team on issues and decisions.
* Created test data/conduct **database** queries as required evaluating software functionality.
* Participated in peer reviews of functional specifications, application previews, and test plans/test cases.
* Involved in writing SQL queries for **database** testing.
* Performed Web Service testing with **SOAP UI** tool.
* Designed Automation Framework (Keyword driven) using **Selenium**.
* Used **firebug** Firefox plug-in for writing xpaths.
* Synchronized web driver by adding **implicit** waits, **explicit** waits.
* Tested application in different types of environments using **selenium** **grid**.
* Handled different kinds of elements in **selenium** like **dynamically** changing elements, mouse over, Static and dynamic drop downs, alerts, java alerts.
* Designed, developed, and maintained automated script using selenium for regression testing.
* Reported and verified the bugs in **Bugzilla**.
* Used **HP ALM** to organize and manage all phases of the software testing process, including planning tests, executing tests, and tracking defects.

**Environment:** Selenium Webdriver, TestNg, MySQL, Selenium IDE, Jenkins, Soap UI, Java, CSS, XML, ALM, Microsoft Office, TDD, BDD, Cucumber, Gherkin, Eclipse, SVN, Sauce Labs, JUnit, Maven, TestNG, Agile, Big Data, Hadoop (Hive/Spark/Kafka/Scala), ETL, Data warehousing, SQL(Oracle/Teradata/Vertica/Hana/MySQL/SQLServer).

**Bharath Life insurance, Bangalore, India Dec 2010 – Jun 2012**

**QA Automation Engineer**

**Project Description:**

Bharti Axa is a life insurance player. A web application has been developed for user to input the details and request a quote based on their needs. It has multiple modules such as Health plans, Investment plans, protection plans, savings plans, and riders plan.

**Responsibilities:**

* Prepared **Test Plan**, **Test Cases** and **Test scripts** for the application as well as for the database verification based on the functional requirements.
* Involved in testing various business rules User/**Customer** **Functionality**, Change Process, Configuration Data Requirements, Legacy Data Requirements, and Access Permissions Requirements.
* Experienced in developing **applications** according to client requirements.
* Extensively used **TestNg** for assertions and grouping test cases.
* In depth understanding of Object Oriented Programming and skilled in developing automated test scripts using **Selenium** in **Java**.
* Developed automation test cases, executed these test scripts from test lab and logged defects in **JIRA**.
* Developed and executed **SQL** queries to verify the proper insertion, deletion and updates into the **Oracle** supporting tables.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from oracle database.
* Design, develop and implement MVC Pattern based Keyword Driven automation testing framework utilizing **Java**, **JUnit** and Selenium **WebDriver** and
* Performed **Data driven** testing with framework for all Test cases.
* Designed **data-driven testing framework in Selenium** and captured data dynamically from web controls.
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium**.
* Demonstrated ability to solve complex automation challenges involving **Ajax**, **dynamic** **objects**, custom object types, unexpected event handling.
* Reported defects to developer and discussed about the issues in weekly status meetings.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Experienced in using **SVN** repository for source code management.
* Used **Ant** and **Maven** as build management tools.
* Extensively used continuous integration tool **Jenkins** for performing test scripts execution.

Environment: Java, JavaScript, HTML, CSS, Xpath, Selenium Webdriver, Eclipse, JUnit, Jira, Svn, Jenkins, Maven, Windows, Oracle 10g, Agile Methodology.

**iGATE, Hyderabad, India Mar 2009 – Nov 2010**

**Manual Test Engineer**

**Project Description:**

iGATE is Business technology and services provider. This project creates a new portal of internal applications for multiple clients. Developed internal web applications for multiple clients such as, Leave reporting system, Travel system, Payroll information, Benefits, Appraisals, Feedback, Job board, Trainings, Timesheets, Employee directory.

* Performed **Manual** Testing using Quality Center.
* Analyzed system requirements specifications, developed **Test Plans**, **Test Cases** and **Test Data** for testing the **Functionality**, **GUI**, Usability, User Acceptance Criteria with both Positive and Negative scenarios. Focused on logical scenarios of the application.
* Created and updated Test Cases in Excel sheets and generated **Traceability Matrix**.
* Wrote **SQL** queries against **Oracle** Database, analyzed and compared the result as well as the discrepancies.
* Performed Database Testing by passing **PL/SQL queries** and also analyzed the Regression Test results before handing over to UAT.
* Used **HP ALM** to define requirements, design test steps, run test set, track reports and identify Bugs.
* Executed Test Cases and compared the actual/expected values. Generated pass/fail reports and updated using **HP ALM**.
* Involved in **User** **Acceptance** **Testing** and responsible to report Bugs and Defects.
* Prioritized Defects and monitored Bug fixing status. Retested Defects in the beginning of every sprint and reopened any Bug that is not fixed.
* Participated in Bug fixing meetings with developers to validate the severity of the **bugs** and was responsible for tracking of the testing life cycle based on the testing results.
* Involved in documentation on maintaining and for future enhancements.
* Communicated with Project Managers, QA Leads on a daily basis for improved **testing** efforts and sent Status Reports to the QA Director when needed.

Environment: Manual Testing, Quality Center, Internet Explorer, Opera, Safari, HTML, Financial Services, MS office, Oracle, SQL Server, Windows XP, Waterfall.