**Pranav Karode**

**Cell :- 440 390 1291**

**Email :-** [**Karode.qa@gmail.com**](mailto:Karode.qa@gmail.com)

**CAREER SUMMARY:-**

* Around **5**Years of Experience in the field of **Quality Assurance/Quality Control** working on **Manual** and Automation Software Testing for various **Web Service, Client/Server**,**Database Testing.**
* Broad domain knowledge in diversified fields i.e. **Banking, Financial, Medicaid** and **e-commerce** industries.
* Expert in developing Java **Selenium Web Driver/RC/IDE/GRID** test scripts and Test Frameworks using **TestNG/JunitFramewrok, ANT/MAVEN** build tools.
* Expert in Backend Testing with experience working with various rational database like SQL SERVER, DBMS etc.
* Extensive experience in **Black Box Testing, Functional Testing, Positive Testing, Negative Testing, Integration Testing, Regression Testing, Sanity/Smoke Testing, Backend Testing and UAT Testing** in multi-tier web applications.
* Possessed extensive knowledge on complete **SDLC model** which include but not limited to **Waterfall**, **Agile SCRUM.**
* Worked on **AWS** for API testing with responsible to develop and work with **JUNIT** test framework with **Selenium**.
* Working knowledge of **J2EE security like JASS, JSSE,JGSS with coding knowledge JAVA.**
* **Expert** in working with automation frameworks like**JUNIT, jasmine** and build in frameworks with **JAVA.**
* Working knowledge of **J2EE** development and **J2EE** technologies.
* Extensive knowledge of **Software Testing Life Cycle (STLC)** and **Bug Life Cycle** with experience in preparing **SRDs, BRDs** as per the test plans designed.
* **E**xtensive work experience in various project management tools and using Defect Tracking Tools like **JIRA, Trello, Quality Center** as repository for maintaining Test Cases, execution and tracking the defects.
* Expertise in writing and executing **Test Scripts** to implement **Test Cases, Test Scenarios,** and features for **TDD (Test Driven Development), BDD (Behavior Driven Development)**using **Cucumber**.
* Working on **MicrosoftAzure** and **TeamFoundationServer** for Cloud based test case management**.**
* Expert in working with ruby and JAVA for code review and Unit Testing.
* Familiarity of working with Version control system **(VCS)** and Source Control Management **(SCM)** using **GIT** for Pushing and Fetching various test based **Repository**.
* Excellent grasp over Visual Studio Microsoft Unit Testing Framework for unit testing.
* Expert in running test suites from **Maven** though **Jenkins Pipeline plugins.**
* Extensive knowledge of Service Oriented Architecture **(SOA), SOAP**, **REST** protocols, web services.
* Excellent grasp of basic **SQL queries** and **Internet technologies** with highly technical and hands-on type of resource with **automation knowledge way beyond simple record and play back.**
* Experience in testing **automation frameworks like robot framework using robot class** and **programming** them for various modules.
* Validated **XML, XSD, XPath Syntax,** Web Services in **SoapU**I.
* Expert in Testing web based **Mobile** application using **Appium.**
* Strong software application skills (MS Excel, Access, Word, PowerPoint, and Project) and Expert in **analyzing test results** and preparing **test/defect summary report** for Sr. Management.
* Hands on experience working with **QTP/UFT** and developing **VB Script.** Expertise in locating the web elements using **XPATH and CSS**.
* Experience in Web Application testing using Selenium Web Driver Java on multiple browsers such as Firefox, Internet Explorer, Safari and Chrome.

**TECHNICAL SKILLS: -**

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| Testing Methodologies | Waterfall, Agile/Scrum |
| Testing Tools | Selenium Web Driver, Selenium IDE, Selenium RC, GRID, QTP |
| Frameworks | TestNG, Junit, Page Object Model, Data Driven, Keyword Driven Framework, Robot Framework |
| Web Technologies | Java, C++, C#, **Ruby**, XML, HTML, VBScript, .NET |
| Operating System | Windows XP, Windows 7/8/10, Linux, MAC |
| Defect Tracking Tools | Quality Center, JIRA |
| Databases | SQL Server 2008/2012/2015, DBMS |
| Tools | Ant, Maven, Excel, Bugzilla, JIRA, GIT ,Jenkins, Trello, MS Office, Share Point, Cucumber |
| Web Browsers | Internet Explorer, Mozilla Firefox, Chrome, Safari |
| Web Services | RESTful, SOAP |

**PROFESSIONAL EXPERIENCE: -**

**Client:-Paychex, Inc. Hudson, OH Jan 2016- Till Date**

**Position:-SDET Engineer**

**Environment**: Selenium Web Driver, Java, Data Server, SQL, Jenkins, Microsoft Azure,Git, **,**Cucumber Test Runner, JAVA. JMS, SQL, J2EE, Payroll Application, GUI Testing, TFS, MTM,

**Responsibilities: -**

* Extensively involve in all stages of **testing life cycle,** Test Driven Development methodologies, **Software Development Life cycle** (SDLC) using **Waterfall, Agile methodologies.**
* Prepare **Test Cases** and lead the team involved in the **Test Data** creation. Executed test cases and participated actively in **System Testing**, **UAT** and **Regression Testing**.
* Writing Test cases with the help of JIRA tool and preparing Test data for both manual and Automation Team.
* Working knowledge of Control-M for scheduling QA jobs among the QA team as per the requirement for test.
* Working on both the area of **QAmanual** and Automation Testing with **highprecision**.
* Working on cloud platform like **Microsoft Azure**to run multiple test cases on different test environment.
* Working with **JIRAfor test case management** for various test cases As per the requirement.
* Managing test cases with the help of **test complete** for various test requirements for **Payroll Application.**
* Involved in **JoinApplicationDesign** Sessions (**JAD**) and a **SubjectMatterExpert** (**SME**) for giving valuable inputsregarding Quality side of product.
* Working with **CrossFunctional** team like **Developmentteam** and QA test Engineer team for the quality testing of the given build using JAVA.
* Working with Various databases **OracleDB**, **MySQL**, for writing queries for validation.
* Responsible to execute test cases and create documentation supporting the test effort and documentation to support test execution results for **GUI** Testing using **Ranorax.**
* Implement Page Object Model automation framework with **Selenium** in JAVA.
* Working knowledge of basic **UNIX** commands for test script execution on **UNIX** platform as per the requirement.
* Extensively using Selenium Web Driver 2 to test the web application including **recording, playback and debug** individual test cases, to provide more flexibility in automating test cases.
* Executing test scripts using **Data Driven Framework** by extracting data from excel sheet to check and keep track of Payroll status of employees using Python Scripts for testing.
* Writing **SQL** queries to connect and search for the data and to connect **SQL** data with the help of **JDBC** interface in **JAVA**.
* Working on Manual Testing for **GUI** Testing such as Visible links, Radio Buttons, Pop up menus etc.
* Responsible for **designing, implementing or enhancing test harness/framework** for different test cases like Login and browser setup, Database Testing etc.Working on test scripts both **regression** and **functional** as a part of **QMS** team.
* Working with **TestNG framework** to write test scripts and priorities the test case execution for multiple test suite run and **Continuousintegration** using **Jenkins**.
* Performing Load and stress testing using various **Listeners** available in **Jmeter**.
* Working on Selenium web driver for **User Interface (UI) automation** for various test requirements.
* Working on Various phases of current sprint and **release management** of previous **sprint** using **agile methodologies**.
* Finding Defects, prepare **Defect reports** and **Status reporting**, Bug Triage, **Defect tracking** using **JIRA.**
* Working on **ParaSoftSOAtest** for testing API for **SOAP** and **REST** web services.
* Work on **Cucumber BDD** and **Cucumber Test Runner** class to run the tests as mentioned in test requirements.
* Share **Daily Status Report** with all the team members, Team Leads, Managers and Clients.
* Ensuring all testing processes and outputs meet criteria for CMMI level three standards.
* **Cloning** test repository and **pushing** committed test repository to the origin branch for the use of other team members using **GIT HUB**as **Version Control System (VCS)**.
* Writing**SQL Queries** to connect to the database and retrieve data for a specified set of test requirements.
* Preparing **user documentation** with **screenshots** for UAT (User Acceptance testing).
* Integrating Automation scripts (Selenium Web Driver API) in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script.
* Verify Web services **API** request, response data validations in **REST** and **SOAP** protocols.

**Client:-Premier Health Network, Dayton, OH Jan 2015- Dec 2015**

**Position:-SDET Engineer**

**Environment:**Java, Selenium WebDriver, TestNG, Jenkins, Framework design, Mobile (Appium), Maven, Soap, TDD, Agile, JavaScript, XML, HTML, Fire Path, Firebug, Internet Explorer, Google Chrome, Safari. JIRA, Ruby, TFS, MTM, C#, JAD.

**Responsibilities: -**

* Developed Selenium test scripts for identified test cases by using data driven framework and developed function library to reduce redundant scripting.
* Responsible to work on **policy** regarding requirements and converting into **test cases**.
* Used **HP LOAD RUNNER for** performance testing for **Load and Stress Testing** Scenarios.
* Used **LISA and Selenium web driver for the test execution.**
* Worked on Test Driven Framework TDD as per the client test requirements for **Medicaid** processing test
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Created functional automation scripts for the report generation module using tools **Selenium WebDriver** and **TestNG.**
* Developed **Sikuli**scripts to automate some flash part of application.
* Developed Selenium test scripts for identified test cases by using **data driven, keyboard driven and hybrid framework and JAD for client’s Digital Platform regarding E-Commerce web application.**
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid and Hudson/Jenkins.**
* Setup the Automation Framework using Selenium Web Driver, Eclipse to run test cases in multiple browsers and Platforms.
* Involvement with **coding patterns, refactoring**, and **unit testing using Visual Studio** also with setting and maintaining automation framework.
* Involved in SOAP and REST based web services testing using SOAPUIPRO Web services testing tool.
* Perform functional, UI, Integration, Regression, Smoke, Sanity, backend, Ad-hoc, UAT, stress, load and other non -functional testing.
* Worked on **Microsoft Test Manager (MTM**) and **Team Foundation Server (TFS)** for various test case management.
* Mentored and guide the team to perform functional, regression, integration, and end-to-end system testing to ensure that the application is in alignment with the business requirements.
* Worked closely with the development team to analyze and find root cause of failures.
* Maintained the **Source Code Version Control** using Visual Source Safe.
* Involved in **SOAP & REST** based web servicestesting using **SOAPUIPRO** web services testing tool.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium with **JAVA.**
* Done SOA testing for Payments API's using SOAP UI and Java framework for web services testing.
* Actively involved in all sprint related activities, including **sprint planning,product demos**, sprint retrospective meetings, and client demos after every sprint release.
* Performed data validation-using SQL. Executed SQL queries for backend database MySQL.
* Writing and maintaining bugs and test cases in **Jira / MTM / TFS.**
* Performed daily defect triage meetings to prioritize defects with the project team.

**Client: Polaris Software Labs LTD- Mumbai, India Apr 2012- Aug 2014**

**Position:-QA Engineer**

**Environment:** Java, Selenium WebDriver, Junit, SoapUI , Web Services, XPath, Eclipse, Quality Center, Jenkins.

**Responsibilities: -**

* Involved in understanding and reviewing **requirements**, creating the **use cases**, documenting all the requirements with each use case number and linking test cases with the requirements.
* Worked with remote teams both onshore and off shore teams for testing as per client requirement.
* Integrated Automation scripts (Selenium WebDriver API) in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron** job.
* Worked on test cases and test script execution **for E-commerce** Client.
* Performed the **Whitebox** testing using **Java.**
* Developed Session beans and Web components (**Servlets, JSP**) using WSAD.
* Contributed in **Test Planning**, writing **Test Scenarios**, and other various **quality-tracking** docs.
* Involved in Test execution involving **System Testing, System Integration testing, Regression Testing, Smoke Testing** and many more.
* Worked on Test cases regarding **Product catalogue, cart summary, login page, log out page** for **E-Commerce application.**
* Raising the defect in **QC** and closing with appropriate reason.
* Wrote test cases from requirements documents and functional specifications using **Quality Center**.
* Performed **integration testing** and **system testing.**
* Performed Backend Testing of the application by writing SQL queries.
* Wrote **Ant build scripts** to automate the compilation and execution of **JUNIT test cases/suites** for Lens Measurement screen, Lens Type Screen, Aftercare screen and two eye replication screens.
* Developed Test Frameworks in **Selenium** for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java / Junit).
* Created automation scripts in **SoapUI** using Groovy Script for web services testing.
* Performed the testing of **Restful** web services for mobile apps for the Using SOAP UI.
* Followed **Agile testing methodology**, participated in daily **SCRUM** meetings and testing each **SPRINT** deliverables.
* Managed individual test cycles, reported bugs and worked with analysts and developers to resolve
* Used Quality Center for bug-reporting, tracking and to create and execute various scenarios, generate graphs, overlaid graphs for comparison, and analyzed the results.
* Updated Requirement Traceability Matrix for additional requirements that were brought to scope for each iteration.

**EDUCATION: -**

Bachelors in Engineering.