**Name: Harshini Peddapally**

**E-mail:** [**harshinipl87@gmail.com**](mailto:harshinipl87@gmail.com)

**LinkedIn:** [www.linkedin.com/in/harshinip](http://www.linkedin.com/in/harshinip)

**Phone: +1-469-844-1399**

**Professional Summary:**

* 10 years of experience in Software testing, **Software Quality Analysis** of Web, Windows, Web Services, Client/Server applications and databases in Finance, Healthcare, Bank, Retail & Telecommunication.
* Experienced in **Software Development Life Cycle (SDLC),** Defect life cycle management and different methodologies like **Waterfall, Agile, and Scrum**.
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid**, **QTP and Application Life Cycle Management** to develop automation testing scripts for web and client server applications.
* Good experience in the **APPIUM** tool, for mobile testing in Android, **IOS** and other mobile applications.
* Expertise in functional testing **AUT** using **Selenium IDE** and **Selenium WebDriver** using **Junit/TestNG** testing framework.
* Expertise in **Test Data Management (TDM)**, **ETL**, **Data Masking** and **Data Creation**.
* Experience in working with Build Systems like **Ant**, **Maven** and continuous integration systems like **Jenkins.**
* Good experience in Web Services testing using **SoapUI, XML** and **WSDL;** and in providing required input data to requestXML& get the required data from response XML& use the response data from other request **XML** using **SoapUI.**
* Good experience on **Selenium Automation** using **WebDriver and Server**. Heavy programming using **Java, JUnit, TestNG**.
* Experience in Test driven development for functional and integration testing using **Python, Cucumber, Robot framework** and **Selenium** frameworks.
* Experience in Automation tools like **selenium, QTP** (Quick Test Professional) and Mobile Automation testing tool like **Appium**.
* Extensive experience in designing **Test Cases, Test Scenarios, Test Scripts** and **Test reports** of manual and automated tests.
* Automated Test cases in **TDD** (Test Driven Development) and **BDD** (Behavior Driven Development)
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Experienced in providing the efficient locators strategy like **XPath** and **CSS** to run **WebDriver script** in stable condition.
* Working experience with defect tracking tools like **Clear Quest, Jira, Bugzilla, Test Director/Quality Center (QC) and Team Foundation Server.**
* Experience programming in **Java**, **XML** and **SQL** on Windows XP, Vista Operating Systems and **UNIX** environments.

**Technical Skills:**

| **Testing tools** | Selenium WebDriver/IDE/GRID/RC, JUnit, TestNG, SoapUI, QTP, Eclipse, Protractor, Appium, Firebug, FirePath, Fitnesse, Coded UI, JMeter. |
| --- | --- |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP. |
| **Defect Tracking Tools** | Quality Center (9, 10, 11.0), JIRA, Team Foundation Server (TFS 2008, 2010, 2012), Rational Clear quest. |
| **Languages** | C, C++, Java, C#, SQL, Python, PL/SQL. |
| **Project Management** | Microsoft Project, Microsoft Office (Word, Excel), Microsoft PowerPoint, MS Access, Agile & Waterfall |
| **Databases Technologies** | MS SQL Server, Oracle 9i/10g, MS Access 2000, SQL, Oracle PL/SQL, SQL\*Plus, TOAD, SQL\*Loader, MYSQL |
| **Operating Systems** | Windows XP, 7, 8 & server 2003, UNIX and Linux |
| **Mobile Manual Testing** | Android, iOS. |

# Professional Experience:

**CLIENT: VERIZON, TAMPA, FL – TCS (Till Mar 2024) and Infovision (Present) April 2021 to Present**

**Role: Sr. Test Data Management Engineer.**

**Responsibilities:**

* Responsible for gathering **business requirements** and writing functional specifications and process documents pertaining to new customizations or enhancements.
* Prepared **Test Plans**, **Test Scripts** and **Test Cases** based on functional specifications and user requirements.
* Designed and executed the Automation Test Scripts using **Appium**
* Developed and maintained automated regression test cases using **Java programming language**. Performed Integration Testing as development team releases the product.
* Validation and Verification of duplicate fields, **Data continuity**, Row counts, Joins and **ECTL Columns**
* Developed automation test cases using **TestNG framework** and **Selenium WebDriver**.
* Used Selenium WebDriver and TestNG to run the parallel testing.
* Developed automation test cases using **TestNG framework** and **Python** **Selenium WebDriver**.
* Tested and coordinated mobile applications in both **Native** and **Web environments** and validated the mobile application functionality on physical smart phone hardware devices..
* Conducted **Regression, Smoke, Sanity, Functional, Integration, Acceptance, Compatibility testing** in QA and **PRE-PROD** environment.
* Implemented Automated execution of tests (nightly and need based) using Maven and Jenkins.
* Used Firebug Tool to identify the **Objects id, Name, Xpath** in the application.
* Implemented Page Object Model framework with **Python** and **Selenium**.

**CLIENT: SWIFT, Manassas, VA - Uniplus August 2020 to May 2021**

**Role: Test Automation Engineer**

**Responsibilities**

* Understanding the existing application, review and analyze the project requirements.
* Regularly interacted with the Business Analysts, business units and clients to understand the business requirements.
* Participated in PI meetings / Daily Scrum /Stand-up meeting, Sprint Planning meeting, Sprint Review, and Sprint Retrospective meeting.
* Experienced in Administrating JIRA.
* Wrote Ansible scripts for automating the configuration management/provisioning the servers/boxes.
* Used Bash and Python included Boto3 to supplement automation provided
* by Ansible and Terraform for tasks such as encrypting EBS volumes backing AMIs and scheduling Lambda functions for routine AWS tasks.
* Experience in Test driven development for functional and integration testing using **Python, Cucumber, Robot framework** and **Selenium** frameworks.
* Used automated build scripts to compile and package the application and implemented Executable Maven jar for the project.
* Executing the production pipeline on the release night and proactively fixing the issues when there is any failure in the deployment.
* Great Experience with working CI/CD Pipeline.
* Analyzed test results, tracked the defects and generated reports using **Quality Center**.

**CLIENT: VERIZON, TAMPA, FL - Cognizant June 2019 to August 2020**

**Role: QA Automation Engineer**

**Responsibilities**

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* Experience in Grouping of **Test Cases**, **Test Methods** and **Test Suites** for regression and functional testing using **TestNG** annotations like Groups, Parameter, Data Provider.
* Worked in **Agile** environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.
* Developed and maintained **automated regression test cases** in **Selenium WebDriver using Java programming language**.
* Involved in Test Automation using **Selenium WebDriver**, to handle **TestNG** and **Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Performed **POM,** **Data driven** testing using **Selenium WebDriver, Junit functions and JDBC Connections** which reads data from scripts using property and XML files.
* Developed test code in Java language using **Eclipse IDE** **and** **TestNG** framework.
* Used **Appium Emulators** for Mobile app Testing.
* Used **Java** language and **Junit** framework for Automation scripting.
* Executing the test plans on **web** and **mobile** (Android) as per requirements.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Prepared **test cases, test data and test responsibility matrices** for the application under test.

**CLIENT: US BANK, MINNEAPOLIS, MN May 2018 to May 2019**

**Role: Mobile Automation Engineer**

**Responsibilities:**

* Responsible for gathering **business requirements** and writing functional specifications and process documents pertaining to new customizations or enhancements.
* Prepared **Test Plans**, **Test Scripts** and **Test Cases** based on functional specifications and user requirements.
* Designed and executed the Automation Test Scripts using **Appium**
* Developed and maintained automated regression test cases using **Java programming language**. Performed Integration Testing as development team releases the product.
* Used **Maven** and **POM** to help manage project's build, report and documentation across the network.
* Developed automation test cases using **TestNG framework** and **Python** **Selenium WebDriver**.
* Tested and coordinated mobile applications in both **Native** and **Web environments** and validated the mobile application functionality on physical smart phone hardware devices.
* Integrated the scripts and executed them as a suite using the build integration tool **Maven**.
* Conducted **Regression, Smoke, Sanity, Functional, Integration, Acceptance, Compatibility testing** in QA and **PRE-PROD** environment.
* Implemented Automated execution of tests (nightly and need based) using Maven and Jenkins.
* Used Firebug Tool to identify the **Objects id, Name, Xpath** in the application.
* Implemented Page Object Model framework with **Python** and **Selenium**.
* Installed and used **Emulator** and **Simulator** to perform mobile test execution for iPhone, Android.

**CLIENT: SANTANDER BANK, BOSTON, MA June 2016 to April 2018**

**Role: QA Test Automation Engineer**

**Responsibilities:**

* Worked in the **agile** environment with frequently changing requirements and features set
* Created Test Plan and reviewed with key project stakeholders within the CIO organization and LOB
* Designed functional test scripts and requirements traceability matrices
* Performed execution of test scripts for multiple testing cycles
* Coordinated with off-shore and near-shore test case execution factories
* Documented of test results and supporting evidence for each test executed
* Performed **Back-End Testing, database table manipulations** of relational database systems by writing complex **SQL queries manually**.
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs and Developers.
* Logged Detected defects with sufficient supporting evidence for technical investigation
* Advised test lead of issue arising that are hampering testing progress
* Conducted root cause analysis of identified defects, provided project manager with sufficient detail to understand, replicate and resolve.
* Developed and maintained **automated regression test cases** in **Selenium WebDriver using Java programming language and JUnit Framework**.
* Reported testing results and issues in a timely and accurate manner.
* Reported and tracked incidents (defects) in ALM
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Designed test cases based on the use-cases and the complex business logic defined for each **web-service or a message**

**COMPANY: AUROBINDO PHARMA, HYDERABAD, INDIA June 2013 to September 2014**

**Role: Manual Tester**

**Responsibilities:**

* Prepared **Test Plan** and **Test Cases** based on the business and functional specifications.
* Analyzed code to perform white box testing.
* Coordinated and worked closely with business analysts and stakeholders during **gathering requirements** for the product and documented test cases.
* Analyzed test specifications and converted them into **Manual Test Cases**.

* Expertise of testing the application developed using various mobile technologies including J2ME, Blackberry, Android, Symbian, .Net Technology etc.
* Performed **End to End Testing** and involved in **User Acceptance Testing**.
* Performed **Security Testing** (Authorization Testing, Access Control Testing).
* Worked on **SQL** statements in checking the validity of the **Backend**.

**EDUCATIONAL QUALIFICATIONS:**

Bachelor of Technology from JNTU, Hyderabad, India – 2014 May.

Masters from Fairleigh Dickinson University, NJ - 2016 May.