**Akhila Venigalla**

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**PROFESSIONAL SUMMARY**

* Amost 9+ years of Extensive experience in Information Technology, with specializing in of industry experience in manual testing and Automation testing.
* Experience in all phases of Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle and Methods like Waterfall and Agile.
* Experience in Object oriented programming and automation testing tools such as selenium Web **Driver, Selenium Web Driver, Jenkins, SOAP UI, HTML, Java Script**, **BO Tool.**
* Expertise in writing test plans, test scripts, test scenarios, test data preparation, test execution and defect tracking.
* Executed SOAP based web services for API testing (Java client and Soap UI).
* Expertise in performing Back-End testing by writing SQL queries.
* Expertise in editing and debugging tests using Selenium and logging defects using Quality Center, Bugzilla and JIRA.
* Extensive experience in implementing **QA Methodologies, Test Plans, Test Cases, Test Scenarios** and test deliverables for various applications
* Experience in Functional testing, Integration testing, Regression testing, Black box testing, White box testing, Unit testing**,** Graphical User Interface testing (GUI), System testing, API Testing, User Acceptance Testing (UAT) browser compatibility testing.
* Experienced in using Jenkins as a Continuous Integration server to configure with GitHub and Maven.
* Smoke Test and Acceptance Testing with **Selenium** in multiple Java platforms.
* Familiar with Selenium Web Driver, Selenium commands and x-path.
* Strong experience in cross browser, cross platform web testing with Selenium RC and WebDriver.
* Strong **Oracle** and **SQL Server skills** to perform Database testing, generating reports and Experience in writing **SQL queries (using DDL and DML commands**) using Joins (inner and outer) and subqueries
* Experience in building Test Plans and Test Cases and navigating through the test lab, fully involved in the process of Defect identification and resolution using tools like Quality Center and HP ALM
* Good Experience in development of iterative and detailed project management plans and schedules using Agile-**SCRUM** methodology
* Experience in understanding the code written in different programming languages Java, VB Script**,** Java Script, SQL Server.
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* Experience managing daily communication with offshore development teams.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Testing Tools** | Selenium WebDriver/IDE, HP Quality Center, SOAP UI, HP ALM, Ready API |
| **Bug Reporting Tool** | JIRA, HP Quality Center, ALM |
| **Frameworks** | BDD, ATDT |
| **Web Technologies** | PL/SQL, Java, JavaScript, HTML, XML, Groovy scripting, UNIX. |
| **Database** | MYSQL, SQL Server, MS-Access, Oracle, PL/SQL |
| **Firefox Add-ons** | Xpath, Xpath checker, Firebug |
| **Operating Systems** | Windows 2000, Windows XP (Prof), Win 08/07, Mac OS X |
| **Code migration tools** | Jenkins,SVN,GITHUB |
| **Other** | Microsoft Word 2005/07/10, Microsoft Excel 2005/07/10, Microsoft Power Point 2005/07/10, MS Project 2007, Waterfall model, Agile & |

**PROFESSIONAL EXPERIENCE**

**Client: Optum, - Eden Prairie, MN Jan 2025 - Till Date**

**Role:Quality Engineer**

**Responsibilities:**

* + Involved in **Analysis**, Understanding the requirement specifications
  + Engaging with the Design Team and BAs for scope definition and facilitate requirements gathering and documentation to understand and communicate complex business challenges.
  + Automated the regression test cases using the **WebDriver**
  + Interface with developers in executing projects.
  + Wrote end to end test automation scripts using Selenium Web Driver.
  + Participate in designing and code reviews, functioning processes and testing of products.
  + Ensure compliance of **quality processes** and standards.
  + Planning the automation framework using tools like Selenium, Java and Maven build tool and integrated with continuous deployment tool, Jenkins by creating the relevant functions and test cases.
* Involved in Selenium Script Review and Execution.
* Hands on experience in **Test Case Design, Test Case Execution** and Defect Logging.
  + Designing and improvising the Automation framework developed using Maven, Web driver for web automation.
  + Identifying test cases that can be automated and developing scripts using Java.
  + Preparing **reusable functions**, which improve the robustness, re-usability, and maintainability of the test scripts.
  + Conceived, Designed, Installed and Implemented **CI/ CD** automation system.
  + Worked extensively on Agile Projects and hands-on experience in creating task for sprint and attended Sprint Planning, Scrums, Sprint Review meetings.
  + Work with the developers, product team, and designers to ensure application development meets user's expectations.

**Environment:** Selenium WebDriver, Visual Studio, Jenkins, Firepath, Firebug, HTML, XML, agile, GITHUB, Quality Center, Coded UI, Test Manager, SQL, Oracle and Windows.

**Client: Skillify Solutions USA Aug 2021 - Dec 2024**

**Role: Quality Analyst**

**Responsibilities:**

* Interacted with **Business Analysts, Developers**and **End-Users** to design detailed test plan document for application testing.
* Provided assistance to team members to clarify **functional**and**technical** difficulties...
* Analyzed functional specifications from the **front-end application** with reference to requirement documents.
* Tested the **brokerage and financial services** applications like Equities, Fixed Income, Investment Research, Investment Deposits, Accounts (Accounts Activity, Balance & Holdings, and Portfolio Management), E-statements, Retail Consumer Lending, Mortgage Modules and Integration Modules.
* Worked on **Scrum methodology**.
* Set up the **Hybrid Automation Framework**for **QTP**
* Tested the transmission of messages by using the **SWIFT** application.
* Involved in the creation of test plan, test cases and test scripts for a **cash-wire** application.
* Validating the **SWIFT and CHIP** messages to have a correct format.
* Involved in the **System Integration Testing** of the **Cash-wire application**.
* Tested the front-end application where the **Wire Transfers** transaction took place from one bank to another bank.
* Also tested the **brokerage and financial services** applications like Equities, Fixed Income, Investment Research, Investment Deposits, Accounts (Accounts Activity, Balance & Holdings, and Portfolio Management), E-statements, Retail Consumer Lending, Mortgage Modules and Integration Modules.
* Prepared test environments using **VMware workstation** and **Web Browsers** for **cross-browser testing**
* Extensively used **HP Quality Center** to upload requirements, write test cases.
* Inserted**XML** checkpoints.
* Performed **Integration Testing** and **Batch Testing** in **QTP**.
* Used **Parameterization** for using various data to test the application using **QTP**.
* Performed **Negative testing** to find how the functions and variables perform when they encounters invalid and unexpected values.
* Ability to develop **automated scripts** from scratch which are unable and maintainable
* Used **QTP**for functional and regression testing of the application.
* Involved in **Keyword driven approach** for automation to minimize the changes for **QTP**Scripts for future use.
* Extensively worked on **QTP** scripts in analyzing the business processes and created automation scripts.
* Enhanced the **QTP** Scripts in expert mode in order to implement efficient test scenarios.
* Performed **data driven testing**, designed **Input/output check points** to validate the data and develop effective automated **QTP Scripts.**
* Developed **SQL**Queries for checking the Data Transaction.
* Used **SQL** for Data base queries on **UNIX** operating systems.
* Responsible to help**UAT** team to get familiarized with the functionality of application and help them in designing the**UAT scenarios**.
* Provided regular status updates to the project manager on high priority issues.
* Attended **Turnover**and**Product** move meetings.

**Environment:** HP Quality Center, QTP, VB Script, UNIX, .Net, Clear Quest, VMware, Windows, SQL Server, Microsoft Excel, Oracle ERP Application

**Client: Symphony Corporation USA Jan 2019 – July 2021**

**Role: Quality Analyst**

**Responsibilities:**

* Created Test cases for various scenarios in the Quality Center.
* Created **PL/SQL** Packages on the **QA** Environment for efficient testing.
* Tested Oracle Stored Procedure for positive and negative scenarios
* Worked with vendors closely to get appropriate data for testing on QA environment.
* Used SAS to create datasets by merging oracle tables, existing datasets, and delimited text files.
* Validated SAS datasets for tagging bad records based on business rules.
* Validated the lookup functionality of **QDE** which fetches matched records from data warehouse.
* Performed manual testing executing all the test cases in **Quality Center** before switching to automation testing**.**
* Reported defects using **HP Quality Center** Verified fixes and closed bugs during regression testing.
* Used **HP Quality Center** to Report, track and, monitor defects.
* Produced **Requirements Traceability Matrix** to support the application development.
* Imported and exported data from and to Excel to and from **QTP**.
* Created **best practices** documents for **QTP**.
* Performed backend testing for data integrity, Data Accuracy and consistency.
* Executed and Validated **UNIX** (KSH) Shell Scripts which calls **SQL** jobs in sequence.
* Executed Test Cases and validated data transformations at various stages.
* Tested suppressions on the main dataset based on business logic and validated results.
* Tested the **SAS** algorithm on calculation of Delta exposure and assignment of line and level to the chase customers.
* Tested **SQL** Loader to load data to target tables and validated the exchange of partitions after compete load.
* Worked in Agile, waterfall method Environments adapted and created Test scenarios.
* Logged Defects and tracked them in Quality Center and Documented potential risks identified during testing and reported to project manager.
* Involved in Testing **ETL-Informatica** various mappings/transformations.
* Coordinating with source systems owners, **day-to-day ETL progress monitoring**, Data warehouse target schema design (star schema) and maintenance.
* Used extensively **Informatica Designer, Workflow Manager, Workflow monitor** and **Repository Manager**.

**Environment:** Quality Center, (KSH) Shell Scripting, Perl scripts, PL/SQL, SAS, JAVA, Windows, MS Office, SQL Developer, UNIX.3

**Client: Ventures Unlimited USA Jan 2018 – Dec 2018**

**Role: Quality Analyst**

**Responsibilities:**

* Involved in analyzing the Business requirements and System specifications to understand the Application's Upstream and downstream workflow.
* **Involved in BA role for analysis of SEO Text Component (Search Engine Optimization).**
* Designed and Documented Test Procedures and Test Cases for User Acceptance, Functional and System Integration Testing.
* Participated in the pre-test phases, such as establishing the test scenarios.
* **Developed Test Cases based on the requirements and documented them in accordance with business rules and other operating conditions;**
* Created SQL queries for Backend Testing and verified and validated the database updates of the records.
* Creating custom reports from **Quality Center** Database.
* Inserted **Check Points** to Check for the broken Links, Text, and standard properties of an object using **QTP**.
* Strong hands-on experience in maintaining and using **IBM Rational Clear Quest** for Defect reporting, tracking & Change Management.
* Created User Defined Functions in **QTP**
* Worked on both **Expert view** and **Keyword view** in **QTP**.
* **Automating scripts on Chase.com Credit cards, checking page using Selenium Web Driver, Cucumber and Groovy to check the functionality of the application.**
* Performed Manual Testing for Functionality, Regression, End2end and System Integration testing of the application.
* Interacted with Developers in fixing the bugs and logging them in Quality Centre, JIRA
* Participated in root cause analysis for defects and provided process improvement suggestions to eliminate future occurrences of similar defects.
* Worked on Script Remediation on Work Orders post release.

**Environment:**Oracle, HP Quality Center, Toad, HP-UX, Microsoft Test Manager

**Client: Transoft Web Applications Pvt Ltd Bengaluru, Karnataka Jan 2013- Dec 2014**

**Role: QA Analyst**

**Responsibilities:**

* Reviewed Business Requirements Documents and the Technical specifications.
* Involved in writing the test cases and test scripts for the Functionality Testing.
* Performed Functional Testing, identified application errors and interacted with the development team to resolve technical issues.
* Responsible for developing, executing, and reviewing test cases & test procedures.
* Involved in Test Cases for different components of the web application.
* Designing, reviewing and Executing the Test cases and Scenarios.
* Involved in preparing test data for all the developed test cases using SQL queries
* Involved in Defect Reporting meetings
* Set up **QA process** for **testing**, test and **data analysis**, and defect tracking Interacted with developers and business analysts to resolve discrepancies between system specifications and user requirements - involved in the complete Testing life cycle.
* Involved in Manual Testing with focus on Quality Assurance.

**Environment:** Windows Server, Quality Center, Quick Test Pro, XML, VB Script, MS-Office, MS-Visio, UAT, Oracle.

**Client: Wipro Technologies, India Nov 2011 - Dec 2012**

**Role: Test Engineer**

**Responsibilities:**

* Reviewed Project Requirements and Prepared Test Plan, Test Scripts, Test Scenarios and Test Strategy.
* Wrote Positive and negative test cases,Regression, end to end Test cases.
* Participate in designing and code reviews, functioning processes and testing of products.
* Testing cosmetic changes on **GUI** Interface.
* Responsible for **maintaining Test scripts** and Worked on SQL queries for backend Testing.
* Performed browser compatibility test, stress test, scalability test for Web Applications
* Ensure compliance of quality processes and standards
* Use HP ALM Tool for write and execute Function test cases.
* Executed SOAP based web services for API testing (Java client and Soap UI)
* Report Test Failures and Defects using **HP Quality** Center and provide management with Regression Test Reports and Progress Reports
* Working as a member in team sharing the knowledge in order to achieve product timelines.
* Communicating with the **Client** team over conference calls (video or Audio) for any design change issues in the project and hindering issues.
* Experience using SVN for version and repository control

**Environment:** HPQuality center, JIRA,Eclipse, Java, HTML, MySQL, JavaScript, SVN, M.S Windows, Oracle.