**SUNIL PUTHIYOTTIL MEETHAL**

**QA Senior Test Analyst**

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**PROFESSIONAL SUMMARY**

* Over 11 years of experience in the Software Industry as a QA Tester in Manual and Automation Testing and working with QA Team understanding of test planning, test management, execution and defect tracking in domains such as Retail, Airline, Healthcare and Academic.
* 5.5 years of experience in Retail Domain and 3 Years experience in POS Testing
* Worked in agile methodology for project planning, technical management and business development
* Experience in Selenium Automation using Selenium WebDriver, Selenium IDE, Selenium RC, Selenium Grid, Java, TestNG, Soap UI, JIRA and Eclipse.
* Deep understanding of QA Process, Test Methodology and Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and testing methodologies in V-Model, Agile, Waterfall Model.
* Creating Test Cases and executing test cases in JIRA. Defect logging and validating in JIRA
* Extensively worked in Functional Testing, Regression Testing and End to End Testing Involved in System Testing, User Acceptance testing (UAT), Black Box Testing, Integration Testing, and Data Driven Testing
* Experience in Web based testing including Sanity/Smoke Testing, GUI Testing, Regression Testing, Integration Testing, System Testing, Performance Testing, Functional Testing and Unit Testing.
* Planning, Assigning, Tracking and Reviewing the activities assigned to Team members
* Expertise in creating the test suite to perform regression testing across various releases and builds
* Knowledge of Automation Tool like Selenium, protractor, Cucumber.
* Expertise in writing, maintaining, executing Test plans, Test Strategy, Test cases and Test Scripts, analysing bugs and Interacting with team members in fixing the errors.
* Analyzed Requirements, involved in identification and documentation of required system and functional testing efforts for all test scenarios.
* Expertise in Microsoft office (Word, Excel, Power Point, Project, Outlook etc.)
* Experience in Quality Center and Bugzilla
* IBM Certified (Rational Manual Tester, Rational Function Tester, Rational Perfromance

Tester)

* Excel under pressure in deadline driven environment with superior interpersonal skills and technical documentation skills
* Good communication / interpersonal skills & ability to work under tight schedules and after-hours, on-call availability. Ability to adopt new technologies.
* Expert in reviewing/reporting, tracking, & maintaining Defects with high level of details, accuracy and informative recreation steps using Quality Center, Bugzilla, and Email (outlook)

**TECHNICAL SUMMARY**

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| --- | --- |
| **Development Methodologies** | Agile, Waterfall |
| **CMM Tools** | SVN |
| **AutomationTesting Tools/Utilities/Webservice Tool** | Selenium IDE, Selenium WebDriver, Selenium RC, Selenium Grid, Eclipse, Jenkins, Test NG, ANT, Log4J, JMeter, SoapUI, Cucumber |
| **Bug Management Tools** | HP Quality Center/HPALM, JIRA, Bugzilla, Mantis |
| **Programming Languages** | JAVA, JDBC |
| **Database/Database tools** | SQL Developer, Oracle SQL |
| **Operating Systems** | Unix, Linux, Windows (NT, 2000, XP, 2003, Vista), MSDOS |

**QA HIGH LEVEL EXPERIENCE SUMMARY**

* Documentation: QA Test Plan/Test Cases, Test result, Defect report, SAD Documents, Project Trackers and Project Documents
* Testing Methodology/Testing Strategy, SDLC, STLC, Regression, Performance, Integration, Smoke etc.
* Testing Matrix/Test Data Set Up
* Test Execution/Defect Analysis/Tracking (Quality Center)
* QA Management, Process Improvement, Key Learning Session
* Data Validation (SQL Script)
* Testing: Front End/Back End, Real-Time/Batch Process, Dot Net Testing, POS Testing, Test Automation
* Ineractions: Internal Team, User and Business Interaction, Management
* Agile Methodology, Waterfall Methodology
* System, SIT ,UAT,E2E,Sanity,Pilot, Adhoc,Security, Boundary, Smoke Testing etc.

**PROJECTS   
Project #1**:

**Client : Walmart, Bentonville, AR** March 2014 – Till Date

**Project: POS Application**

**Designation/Roles : QA Lead**

The **SQA Store Systems** project has been defined as a result of market forces and compliance challenges that have identified the need for **Walmart Inc.** to streamline the business processes and testing of Walmart’s entire Store Systems application with main focus on Point Of Sale Application. The scope of SQA Store Systems Project includes providing QA consulting and testing services for the Walmart Store Systems and Point of Sales .Walmart US does business in six strategic merchandise units across several store formats, including discount stores, supercenters and Neighborhood Markets. Its grocery merchandise consists of a line of grocery items, including meat, produce, deli, bakery, dairy, frozen foods, alcoholic and nonalcoholic beverages, floral and dry grocery, as well as consumables, such as health and beauty aids, baby products, household chemicals, paper goods and pet supplies

**Roles and Responsibilities:**

* Performed Functional manual and automation testing on POS System on Windows based application of touch screen – Sigui, 50 Key using HPQC/ALM and Jira.
* Executing Test Scripts in Selenium WebDriver for Regression Testing and analyzing results
* Analyzed Project Requirement Documents and Technical Design Documents (TDD) for completeness and testability. Reviewed the requirements and analysis of requirements to ensure the smooth and quality delivery and provide inputs for estimating the time required for QA completion and preparing QA schedules. Also managed Planning Team POS QA Projects

(including both GSA and Non GSA projects)

* Prepared Test Strategy and test plan documents, Identified Test Scenarios and Design of test cases. Dry run of project test cases. Maintaining of Requirement Traceability Matrix.
* Developing POS QA strategies and solutions adhering to the quality standards and practices

investing maximum effort for adhering to the correctness and verification of Requirements –

Coordinating with onsite business team, onsite team and offshore team, thereby supporting the application and implementing POS QA process as per specifications provided

* Clarifying the technical and business related queries, driving the product initiatives and

metric collection and analysis.

* Performed data driven testing by using JDBC as a data source in SOAP UI and configured SQL queries to fetch data from the Oracle database.
* Tested the various Service Oriented Architectures (SOA) spanning across various web services using SOAP and WSDL across various applications using SOAP UI.
* Performing system testing and integration testing during promotion of these components

to production environment

* Providing trainings to business folks and end users on the application and documenting

the learning (Lessons Learned Document)

* Analyzing software specifications and identification of Store Systems application

functionalities for POS QA activities

* Discussing business team, analyzing existing problems and improving the application stability through regression testing
* Coordinating with business clients, supporting the application and implementing the

process as per specifications provided

* Interaction with the Managers, Network Administrators, Application Users – all belonging to different departments and divisions of to ensure the smooth running of the applications
* Involve in the end to end POS QA activities for enhancements/customizations of Store

Systems application support

* Experience in Waterfall and fast paced Agile Development Environment including Extreme Test-Driven Development (TDD) and Scrum.
* Conduct system study and co-coordinating with different strategic service team members

for requirements verification, traceability mapping, defining test strategy and plan,

coordinating the team, test case design, test execution, defining and tracking metrics &

reporting

* Perform testing for different testing types like functional, system, regression, exploratory,

security and user acceptance testing

* Prepared daily regression status mertrics of whole regression execution (both onshore and offshore) and followups on the gaps if any.
* Logged defects using HPALM, linked defects with requirements and generated Defect Reports.
* Created test cases and executing the same in JIRA. Defect logging and validating in JIRA.
* Worked with other members of the QA and Development teams and managed efforts with offshore team in improving the processes, methods, effectiveness and efficiency.
* Attended daily status call with Offshore to review assigned tasks and solve any impediments.
* Regression testing to ensure the stability of the system after enhancement and defect fixing
* Documented and reported various bugs during the Testing process.
* Retesting the resolved defects/issues after the developers fix the defects.
* Updated the status of the testing to the QA manager, and accomplished task for the assigned/self assigned work to the Project Management team regularly

**Environment: J2EE, LINUX/UNIX,REST SERVICES, SQL , HPALM, JIRA, Selenium Web Driver, POS**

**Project #2:**

**Client : Walmart, Bentonville, AR May 2012 – February 2014**

**Project: WTMS**

**Designation/Roles : QA Test Analyst**

The WTMS suite houses all transportation products within one framework and is built using the latest web technology. The application allows the home office users to manage loads and transportation POs. There are 10 products which are a part of the WTMSv3 suite.

**Roles and Responsibilities:**

* Documentation and execution of Test Preparation & Execution of Test Cases (Automation Testing). Review activities of Test cases.
* Regression and Integration Testing of the modules such as Driver Management, Carrier Management, System Administration and Application Services.
* Created Test Cases (Test Scripts) using Selenium Web driver, Java, and TestNG Annotations.
* Regression and Integration Testing of the modules Driver Management, Carrier Management, System Administration and Application Services.
* Create and execute end to end business scenarios.
* Testing Database scripts.
* Give demo to the team members
* Successfully carried out KT Transition Trainings for Manilla Team (Carrier Management, Driver Management and System Administration modules)
* Participate in Sprint planning, estimations, retrospective and daily standup meetings

**Environment:** J2EE, REST SERVICES, SILVERLIGHT, TERA DATA , HPALM, Team Forge

**Project #3:**

**Client : Walmart, Bentonville December 2011 – April 2012**

**Project: Load Builder**

**Designation/Roles : QA Analyst**

The current load consolidation system Load Builder (LBR) is used for the channel decision routing of less than truckload sized freight (LTL) in the most economical way. With the new corporate emphasis on the importance of delivering freight consistently on the Must Arrive by Date (MABD), it was required to modify the system to use these time requirements in the routing decision as well as cost.

**Roles and Responsibilities:**

* Functional Testing. Documentation and execution of Test cases and Change Requests.
* Preparation & Execution of Test Cases (Manual Testing). Review works of Test cases.
* Developed and executed test cases manually
* Accurate reporting of test outcome and issues. Documenting defects and analyzing the results.
* Attending team meetings.

**Environment:** J2EE, REST SERVICES, SILVERLIGHT, ORACLE, HPQC

**Project #4:**

**Client : Walmart, Bentonville July 2011 – November 2011**

**Project: Annual Enrollement Project (AE2012)**

**Designation/Roles : QA Tester**

The Annual Enrollment 2012 project is to roll out the plan changes and adjustments requested by the Benefits Department for the  2012 Annual Enrollment period. The Annual enrollment process for Year 2012 should allow all the clients associates to complete their benefits enrollment process which is during the period of Oct 15th 2011 to Nov 4th 2011.

**Roles and Responsibilities:**

* Functional and Integration Testing. Documentation and execution of Test cases and Change Requests.
* Preparation & Execution of Test Scenarios and Test Cases (Manual Testing). Review works of Test cases.
* Wrote acceptance test for **BDD** using **Cucumber** with runner test classes and feature files written in Gherkins for automation testing
* Developed and executed test cases manually
* Accurate reporting of test outcome and issues. Documenting defects (Generated bug reports using HPQC) and analyzing the results.
* Implemented Test driven development (ATDD and BDD) framework using cucumber tool with Gherkins Language.
* Reviewing of Test cases & Enhancing of test cases according to the change requirements
* Involved in Client Interaction with Walmart
* Attending team meeting every alternate days with Walmart.

**Environment:** J2EE, DB2,HPQC, QTP

**Project #5:**

**Organization : IBS Software Services Pvt. Ltd., Trivandrum**

**Client : Virgin America April 2010 – June 2011**

**Produt: iFlyRes**

**Designation/Roles : QA Engineer**

iFlyRes is a new-generation Passenger Services System that will help the airline industry to migrate from age-old legacy systems. It is a state-of-the-art IT solution developed for the air transportation industry cover an extensive range of functional areas in Airline Operations listed below:

* Flight Scheduling
* Passenger Reservation
* Ticketing and Fares
* Product and Schedule Planning
* Flight Operations

**Roles and Responsibilities**

* Leading the team for Functional Testing. Leading the testing team for documentation and

execution of Test cases

* Preparation & Execution of Test Scenarios and Test Cases (Manual Testing)
* Developed and executed test cases manually
* Accurate reporting of test outcomes and issues. Documenting defects (Generated bug

reports using bug tracking tools, Mantis) and analyzing the results.

* Reviewing of Test cases & Enhancing of test cases according to the change

Requirements

* Involved in Client Interaction with VX-SITA
* Attending team meeting every alternate days with SITA
* Data setup works for clients
* Involved in tracking the daily bug status within the team
* Involved in Project meetings with Team members as well as client
* Attending weekly team meetings with client partner

**Environment:** J2EE, SQL Developer,SVN, Mantis

**Project #6:**

**Client : AirNZ, QF, April 2007 – March 2010**

**Product: iCargo**

**Designation/Roles : Team Leader**

iCargo is a next generation Cargo Management System that revolutionizes cargo operations. In an ever increasing competitive air cargo industry, still run mainly on technology from the past, iCargo is an integrated new generation cargo management solution that helps for business a definite edge. Airline operation and Ground handling and delivery system enabled with this system to maintain the cargo transportation between shipper to consignee

**Roles and Responsibilities:**

* Leading the team for Functional Testing. Leading the testing team for documentation and

execution of Test cases and Change Requests.

* Preparation & Execution of Test Scenarios and Test Cases (Manual Testing)
* Accurate reporting of test outcomes and issues. Documenting defects (Generated bug

reports using bug tracking tools, Bugzilla) and analyzing the results.

* Reviewing of Test cases & Enhancing of test cases according to the change

Requirements

* Extensively used HHT for testing
* Involved in tracking the daily bug status within the team

**Environment:**  J2EE, SQL Developer,SVN, Bugzilla

**Project #7:**

**Organization : Maxxion Systems Pvt Ltd, Cochin**

**Client : Ionidea October 2006 – April 2007**

**Proect: MentonOne**

**Designation/Roles : QA Engineer**

MentorOne Online Collaboration System [OCS] is a tool to provide a virtual platform for collaborative discussion for people from same domain.

**Roles and Responsibilities:**

* Involved in Test Plan and Test Cases preparation/Execution of Test Cased
* Involved Functional testing of all modules and GUI Testing
* Used JMeter for performance testing
* Documenting defects and analyzing the results.
* Involved in Project meetings with Team members as well as client

**Environment:** J2EE, SQL Developer,SLAM

**Project #8:**

**Organization : S4 Consultants , Hyderabad**

**Client : Nixu, Finland January 2006 – September 2006**

**Proect: Internet Filtering Project**

**Designation/Roles : Test Engineer**

The scope of the filtering project is to develop a complete system to manage and automate all the tasks related to filtering.

The system is a necessary tool for the management functions of the filtering of the internet traffic.

**Roles and Responsibilities:**

* Involved in Test Plan and Test Cases preparation
* Execution of Test Cases and documenting defects/analyszing the result
* Responsible for BVT Reports
* Involved Functional testing of Private module completely
* Involved in GUI Testing, System Testing
* Developed and executed test scripts and test cases by using Silk Test, Used Silk Test for Regression testing

**Environment:** J2EE, SQL Developer, MS Excel

**EDUCATION, TRAINING & CERTIFICATIONS**

**Education Details**:

* Master of Business Administration in Operations Management from IGNOU, New Delhi, India
* Bachelor of Technology (B.Tech) from University of Calicut, Kerala, India

**Certification Details**:

* IBM Rational Performance Tester V8
* IBM Rational Functional Tester for Java
* IBM Rational Manual Tester
* Retail Domain Level 1 certification/Healthcare Domain Level 1 certification (Internal)

**Training Details**:

* Training on ‘New Manager Program’ (NMP) &Training on Team Leadership program
* Training on Scrum Agile Methodology & Workshop on Proactive communication

**PUBLICATIONS, PRESENTATIONS & AFFILIATIONS/MEMBERSHIPS**

* Life Member of Aeronautical Society of India (MAeSI)/Member of All India Management Association (AIMA)/Received AMIE membership

**LinkedIn:**

www.linkedin.com/in/sunilpm