Madhavi M
Software Test Specialist - IBM

Devon, PA - Email me on Indeed: indeed.com/r/Madhavi-M/c3117854078f4806

➢ Over Nine years of experience in Information Technology, with specializing in Software Quality Assurance Testing, proficient in testing on Client/Server and Web based applications using manual and automated testing tools.

➢ 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 developing Java Selenium WebDriver/RC/IDE/GRID test scripts and Test Frameworks using TestNG/Junit, MAVEN build tools.

➢ Experience with writing Automation Test cases using Element Locators, WebDriver methods, Java programming features and TestNG automation

➢ Excellent knowledge in writing unique XPath using firebug and fire path to identify web elements.

➢ Experience in creating and maintaining automation acceptance test suite using Selenium and TestNG.

➢ Experience in cross browser, cross platform web testing with Selenium RC and WebDriver.

➢ Experience in Executing Selenium Test cases and Reporting defects

➢ Experience in testing the application web services using SoapUI.

➢ Developed Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development), TDD (Test Driven Development) using Cucumber.

➢ Experience with comprehensive understanding of all phases of Test Life Cycle, including requirement gathering, test planning, and scheduling, testing, defect tracking and reporting.

➢ Proficient in creating business based functional Test Scenarios, Test plans, Test cases, Test Scripts, Test Specifications and Traceability Matrix.

➢ Experience in Functional, System, Integration, Regression, GUI, Black Box, White Box and User Acceptance Testing (UAT) of Client Server and Web applications.

➢ Experienced in designing and executing test cases based on Business requirements and functional Specifications.

➢ Experience in Backend Database testing using SQL queries

➢ Extensively involved in testing applications manually.

➢ Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality Center, JIRA and MTM.

➢ Familiar with creating and executing SQL Queries, Stored Procedures and Functions using Oracle and SQL Server.

➢ Experience in HTML,XML, Java, Java script, Jsp, Servlets and Web Services

➢ Good interpersonal skills, Written and Verbal communications.

➢ A good team player with excellent time management, skills having profound insight to meet critical deadlines on time and learn new technologies with enthusiasm.

➢ Flexible and versatile to adapt to any new environment and work on any project.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Test Specialist
IBM - Wayne, PA - April 2014 to Present

2xOnboard application, featuring forms management and supported by onboarding process design and onboarding process consulting, helps clients drive efficiency in their organization by standardizing and automating the onboarding process. Onboarding involves everything from welcoming new hires into the organization to provisioning and form completion. 2xOnboard application has features like I-9 management, employment verification, w-4, state forms along with other forms management.

Responsibilities:

• Extensively involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using Agile methodologies.

• Developed and implemented automation testing using Selenium WebDriver.

• Developed test code in Java language using Eclipse, IDE and TestNG framework.

• Used TestNG Annotations in Selenium WebDriver and executed a batch of tests as TestNG suite.

• Performed Data driven testing Selenium WebDriver using TestNG functions and JDBC Connections which reads data from scripts using property and XML files.

• Created test cases, scripts based on functional specification, prepared test data for testing.

• Developed Test cases manually and generated Automation Scripts using open source tools like Selenium Web Driver, TestNG, SOAPUI, Maven and Jenkins.

• Developed test automation scripts using Selenium WebDriver for regression and performance testing of the various releases of the application.

• Performed build acceptance testing and smoke testing using Cucumber automation tool.

• Worked on Selenium GUI Object / element verification is done through XPath, CSS Locators.

• Involved in validating Sanity, functional, Integration and Regression test suites using Selenium and the request and response of the Web Services (SOA) through SOAP UI.

• Used Firebug to do web based application testing with selenium for the commands and locator application.

• Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API.

• Involved in Web Services Testing using SOAP UI to create and execute automated functional, regression, compliance, and load tests.

• Used SQL Queries to verify the data from the Oracle database.

• Working closely with the Developers in the review and modification of the product and its specifications using Agile-testing methodology.

• Responsible for collecting and analyzing the test metrics and then submitting the reports, which kept track of the status and progress of the testing effort.

• Participated in Production rollouts and provided end-to-end support and post-implementation support to the customers

Environment: Java, J2EE, JBoss, Agile Methodology, Selenium WebDriver, TestNG, Maven, SOAP UI, TDD, Eclipse, HTML, XML, XPath, JavaScript, Firebug, Oracle, Windows.

QA Engineer

Kenexa Technologies - Waltham, MA - August 2012 to March 2014

Kenexa Recruitment Solution, Kenexa's mid to large enterprise recruiting solution delivers comprehensive support of recruiting processes and offers personal user experiences that empower recruiters and system administrators to achieve optimal recruiting and hiring results. Recruitment software has the integration with Job boards, Assessments and background check applications which eliminates the need for shifting between applications. From requisition creation to hiring process management, Recruitment software helps customers quickly and easily track recruiting costs, recruiting time, quality of hire and other recruiting metrics that improve overall recruiting delivery.

Responsibilities:

• Extensively involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using Agile methodologies.
• Reviewed business requirements and technical specification documents and Analyzed use cases, functional requirements to write detailed Test plans and Test cases.
• Responsible for implementation of Automation Framework using Selenium WebDriver, TestNG under Java platform.
• Performed comprehensive manual testing to test website compliance against requirements
• Performed Data driven testing using Selenium WebDriver, Junit functions and JDBC Connections which reads data from scripts using property and XML files.
• Wrote and executed automated test cases using Selenium WebDriver to automate manual testing solutions.
• Developed and Executed Test Plans and Test Cases from Requirements and Specification documents.
• Authored and Executed Automation and Manual Test Cases for Functional testing of various modules of the application.
• Created Automation script using Selenium WebDriver. Executed scripts on different browser and different platform.
• Worked closely with Agile Scrum team from several domains to ensure product testability while running Regression tests in Selenium WebDriver using Junit, and maintained test environments used for white box testing during new product releases.
• Involved in writing unique XPath using firebug and fire path to identify web elements.
• Responsible in executing Selenium test scripts on different browsers and checked for compatibility.
• Provide all data validation through SQL Queries to perform Back-end Testing.
• Perform Functional Testing, Regression Testing, System Integration Testing, User Acceptance Testing (UAT), and End-to-End Testing.
• Created QA sizing estimated based on the changes to the web services for the scope defined in a particular release cycle.

Environment: Java, J2EE, Oracle 11, JBoss, XPath, MTM, XML, Agile Methodology, Manual and Automation testing with Selenium.

Quality Analyst
INFOR Global Solutions - Hyderabad, Andhra Pradesh - September 2007 to January 2011

Infor SRM SupplyWEB is the leading supplier relationship management (SRM) solution in the automotive industry. As an ERP independent supplier collaboration and execution software solution, Infor SRM SupplyWEB lowers supplier-related costs by enabling two-way communication of procurement, replenishment, and performance rating information and reducing related inventory, premium shipments, quality defects, and more. The Key features of SupplyWEB product are Schedules, PO Collaboration, EDI (Electronic Data Exchange), Advanced Ship Notices, Kanban, Supplier Managed Inventory, bar code labels and global shipment tracking

Responsibilities:
◦ Involved extensively in gathering Functional requirements for the application from the business analyst and other team members.
◦ Involved In developing Test Plan and Test Requirements.
◦ Involved in writing detailed test cases and executed test cases.
◦ Tracked defects and created defect summary reports
◦ Performed Sanity testing, for each new build of the application
◦ Worked on the existing defects logged in HP Quality Center and updated the defect status in a daily based QA status meetings

◦ Performed Functional, User Interface, End-to-End, Cross Browser, Application, System, Regression, UAT and Back End Testing.
◦ Performed cross browser testing
◦ Participated in defect reviews with the developers, managers and business people and presented the Defect reports in the defect review Meetings.
◦ Participated in Production rollouts and provided end-to-end support and post-implementation support to the customer community resolving production related issues.
◦ Data validation testing done by executing SQL statements.
◦ Responsible for preparing and deploying builds in QA environment
◦ Knowledge is transferred to the new team members about various functionalities and the documents.

Environment: HP Quality Center, Java, HTML, Oracle, Windows.

Quality Analyst
Ramco System Limited   -   Chennai, Tamil Nadu - June 2005 to December 2006

Ramco Virtual Works (RVW) is a framework for building componentized OLTP applications. The framework consists of an Integrated Development Environment (IDE) for developing applications and a set of run-time (RT) components for executing the developed applications. RVW Workbenches form the IDE used to develop componentized applications that execute over the RVW runtime environment. RVW Model holds the application logic and behavior information that is defined by various RVW Users. This Model information is populated using the RVW Workbenches.

Responsibilities:
◦ Participated in System Test plan preparation for different versions of RVW
◦ Preparing Test cases based on functional requirements for every version.
◦ Performing Functional and System testing of RVW platform.
◦ Code generation and functional Testing of the modeled applications in order to test RVW run time
◦ Functional testing of java applications using different application servers like weblogic and JBoss
◦ Responsible for conducting security and GUI Testing of RVW platform
◦ Conducted Regression testing and Smoke testing of RVW platform
◦ Performed database testing using SQL queries.
◦ Responsible for preparing test reports
◦ Involved in performing Re-Testing for defect fixes verification

Environment: HP Quality Center, Windows, Java, J2EE, Visual Basic, SQL Server, Weblogic, WebSphere and Oracle

Quality Analyst
Ramco System Limited   -   Chennai, Tamil Nadu - April 2004 to May 2005

Service Oriented Framework for Application (SOFA) framework is aimed at developing a platform that covers the entire life cycle of the application development based on Service Oriented Architecture. It consists of Solution Layer, Process Layer, Presentation Layer, Web Service Layer, Component Layer and Asset layer. SOFA platform can be used for both Asset Renovation and Asset Development. Asset Renovation is used for generating SOMA compliant code from older versions of Virtual works platform and migrating them into SOFA model. Asset Development is used for developing new assets and maintaining them.

Responsibilities:
◦ Participated in System Test plan preparation
◦ Preparing Test cases based on functional requirements.

- Performing Functional and System testing of SOFA framework
- Responsible for conducting security and GUI Testing
- Conducted Regression testing and Smoke testing
- Performed database testing using SQL queries.
- Involved in performing Re-Testing for defect fixes verification

Environment: HP Quality Center, Windows, Java, J2EE, SOAP, SQL Server and WebSphere.

Additional Information:

EDUCATION

Master in Computer Applications
Osmania University - Hyderabad, Andhra Pradesh

ADDITIONAL INFORMATION

Technical Skills:

Testing Tools Selenium WebDriver/RC/IDE/GRID, HP Quality Center, Cucumber, Eclipse
Build Tools Maven
Languages HTML, CSS, JavaScript, Java, XML,SQL
Frameworks Junit, TestNG
Firefox Add-ons XPath, Firebug
Bug Tracking Tools HP Quality Center, BugZilla, JIRA
Testing Strategies System , Integration, Regression, Re-testing, Performance and User Acceptance testing
Databases Oracle and SQL Server
Platforms Windows 7/Vista/XP, UNIX