**Mirdha M Ferdus**

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**302-409-0589**

**Sr. SOA Tester**

* Around 7 years of IT experience in Software Quality Assurance with strong experience in Service /SOA /API Testing & Service Virtualization using CA DevTest /iTKO LISA toolset
* Expertise in all phases of software testing life cycle and specialized in SOA/API Testing
* Expertise in testing various types of SOA based services including Web Services (SOAP/HTTP(S)), REST Services MQ & JMS
* Expertise in understanding Service Virtualization needs/ Requirements & creating VSI's using WSDL, WADL, Recording, Request & Response pairs
* Experienced in using XSD, WSDL, XPath, XML Spy for service testing
* Experience in working with various ESB teams that has used variegated integration tools like webMethods, IIB (IBM Integration Bus), Data Power, TIBCO & JBOSS for developing services
* Expertise in implementing & using service testing tools: iTKO LISA /DevTest & SoapUI
* Expertise in developing automation testing framework using iTKO LISA, SoapUI, QuickTest Professional
* Strong experience in performing System, Integration, Regression, Performance & UAT (User Acceptance Testing)
* Extensive J2EE development experience with heavy use of all important Java technologies
* Experience developing test plans and automating test cases following standard testing frameworks and agile methodology, using selenium RC and TestNG, JUnit
* Strong experience in performing System, Integration, Regression, Performance & UAT (User Acceptance Testing)
* Experienced in preparing test strategy, test planning, execution and test automation
* Very good knowledge in SQL

SKILL SUMMARY:   
   
**Automation Tools:** ITKO LISA, CA DevTest, SoapUI, UFT, QTP, Quality Center, Selenium   
**Databases:** DB2, Oracle, SQL Server, MySQL, MS-Access.   
**Database IDE's:** Toad, DB Visualizer   
**Languages:** Java, SQL, XML, HTML, VB Script, Java Script   
**Operating Systems:** Windows, UNIX   
**Version Control Tools:** Stash Git, Subversion, Visual Safe Source 

**Work Experience**

**Sam's Club, Bentonville, AR November 2016 to March 2018**

**Sr. SOA Tester & Virtualization Consultant**

* **Project Description:**   
  Sam's Club, a division of Wal-Mart, is a warehouse club chain with nearly 600 club stores in the United States. A wide variety of merchandise is offered, ranging from consumer packaged goods, to grocery items, to electronics, paper goods and even automotive supplies.

**Responsibilities:**

* Identify the pain-points, constraints in the interfaces and services and produce Virtual Services for those constrained systems, using fully validated test data that covers all pre-defined test scenarios and provides multiple 24/7 Virtual Service Environments (VSEs) to be used by development, functional and performance testing teams Perform hands on DEVTEST (LISA) Virtualization and configuration setup for Web Services    
  Create virtualized service models using CA/ITKO DEVTEST (LISA) services
* Create scripts for testing of services using SOAP UI or equivalent toolset
* In-depth understanding of OSB and tested OSB to interact with SOA Composites.
* Test data preparation for DEVTEST (LISA) script execution
* Validate services using SOAP UI and CA/ITKO DEVTEST (LISA) by testing XML request and response data
* Tested fault response with error code and description on OSB when an error occurs based on the Fault Schema
* Interact with testers and developers on collecting requirements, payloads, data for service testing and service virtualization
* Configured selenium WebDriver, TestNG, Maven tool and created selenium automation scripts in java using TestNG prior to agile release.
* Tested Processes in OSB for routing and transformation
* Coordinate with Infrastructure teams to create, release and manage multiple on-demand virtual environments (VSEs)
* Responsible for testing design of several Generic BPEL Processes & ESB Services.
* Coordinate with development, functional and performance testing teams to ensure the virtual services and VSEs provide full test coverage starting from unit testing phase through to SQA/System and UAT testing phases
* Help build a Service Virtualization knowledge base- including lessons learned, best practices, tools, and methods and learning events
* Provide technical expertise for both virtual service producers and consumers
* Effectively troubleshoot issues
* Maintain the virtual service environments with the latest version of DevTest and perform the upgrade and migration

**Environment:** DevTest 8.5, Altova XMLSpy, selenium, IBM Web Sphere, ESB, WebMethods, DB2, Oracle, SQL Server, Toad, Jira

**UHAUL Inc ,Phoenix, AZ August 2014 to October 2016**

**SOA Tester & Virtualization Consultant**

**Project Description:**   
UHaul Inc maintains the largest rental fleet in the do-it-yourself moving industry which includes trucks, trailers and towing devices. Offering full End to End self-move capabilities. The SaaS Web Based User Application enables customers to seamlessly place product orders, check availability and also provide comprehensive feedback for the Service provided. This project is associated with the complete Testing of the User end Web Application Software for Product Purchase.

**Responsibilities:**

* Created Virtual services ( VSI, VSM) where needed to address environment bottlenecks   
  Analyzed and used various Match Styles and Match Scripts based on the virtualization needs
* Used Image Validation Execution mode to configure Response Selector step to invoke live service when request didn't match the configured request-response pair data
* Performed standalone testing of SOAP/HTTP services using Raw Soap Request step in iTKO LISA
* Used XML-XML Comparison assertion to validate the expected XML with the actual XML response
* Tested BPEL components and activities for implementing the business logic.
* Used XPATH filters and assertions to fetch and validate the desired data in the response
* Requested WSDL's & XSD's from developers to understand the required and optional elements within a schema and developed the test scope and test data accordingly
* Used the 'Write Properties to Output File' step to write the desired results of test execution into a csv file to be shared with the project stakeholders
* Involved in testing configuration of SOA suite
* Developed Test Plan document and Test Cases based on the requirements specified in the software requirements specification document
* Responsible for testing BAM, configuration with users and their appropriate roles.
* Conducted in test case review meetings with Business and Development teams to ensure complete coverage of business and functional requirements
* Tested BAM reporting based on business needs.
* Extensively used SQL to perform backend testing and data validations
* Analyzed the automation requirements, designed automation framework & developed automation scripts, reusable functions
* Coordination with client and status reporting

**Environment:** iTKO LISA 5.0, WebMethods, ESB, Oracle, Toad, Quality Center

**TRIRIGA, Las Vegas, Nevada May 2012 to July 2014**

**SOA Tester**

**Project Description:**   
A project which works on providing virtual service to different team in absence of actual live system or data. Also provide guidance to DevTest team and others as tool expert 

**Responsibilities:**

* Extensively involved in performing stand-alone service testing using SoapUI, Schemas & SOAP/WSDL
* Used schemas (XSD's) to generate /mock request messages and ensured that the response conforms to schema definition and any defined mapping and transformation rules
* Used Filters and Assertions (XPath Match) to compare the result of an XPath expression to an expected value
* Hands on experience using groovy scripting to develop custom utilities and for data driven testing in the SoapUI free version
* Identified critical integration points, data relationships between different operations with in a service and other services and systems and developed test strategies & test cases accordingly for Integration testing
* Coordinated with different teams involved in the project to get data required for Integration testing
* Used Quality Center for Requirements Management, defect management
* Developed web based automation test scripts using QTP
* Created Shared Repositories, Data tables, functional libraries for QTP test scripts

**Environment:** SoapUI 4.5, UFT 11.5, Oracle 11i, Toad, SQL, DB2, Oracle, SQL Server

**Nike, Portland, OR November 2010 to April 2012**

**SOA Tester/QA Engineer**

**Responsibilities:**

* Prepared Test Plans, Test Cases based on the business requirement.
* Participated in Documents walkthroughs, enhancement meetings, weekly project status review meetings.
* Prepared Requirement Traceability Matrix and linked them to business requirements.
* Tested the entry of items purchased by customer and billing functionalities.
* Payment Gateway Processing with Test the validity of CVV number of Credit Card.
* Return & Exchange scenarios, Check whether system responds on exchange or return of an item with credit card.
* Involved in creation of automation framework in Selenium WebDriver using behavior driven approach like Cucumber.
* Generated JMeter scripts files using JMeter.
* Added assertions and extractors to the JMeter scripts.
* Enhanced Automation Framework and developed various automated test cases using Soap UI, Rest API.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers like Internet Explorer and Mozilla Fire Fox on different Operating Systems.
* Worked with XML files and generated XML data files using XML Spy.
* Tested and Validated the SOAP Requests / Responses Messages in SOAP UI and REST.
* Tested and Validated Complex Web services, SOA Applications, SOA Interfaces, WSDL files and
* Tested SOAP File.
* Developed Selenium test scripts for identified test cases by using data driven, keyboard driven and hybrid frame-work.
* Tested the application on different browsers like IE, Safari, Chrome and Firefox.
* Prepared and reported the Daily & weekly status reports Lead, QA Manager, Project Manager and Test Coordinator.
* Used Firebug to do web-based application testing with selenium for the commands and locator application.
* Logged the defects in Jira. Linked to Quality center test cases and reviewed them every day with Test Lead by priority / severity wise.
* Worked closely with QA teams, Developers and Business on the defect impact assessment and resolutions.

**Environment:** Quality Center 9.2/10.0, Jira, SVN, Eclipse IDE, SOAP UI, REST, Web Services, Microsoft SQL server 2005.