Lachaiah Kandumalla

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**Summary:**

* 12+ years of diversified experience in Performance/Stress, Analysis, Design, Development, Implementation, Performance Testing, Quality Assurance, Web and Multi-Tier complex applications on UNIX and Windows Environment and various Domains like Federal, Mortgage, Health Care, Telecommunication and Financial.
* **Hands on experience on LoadRunner to perform Load/Stress testing web/http and Win32 applications.**
* Experience in identifying the Workload and perform Load & Stress and Endurance tests using **HP Load runner**, monitoring **CA Wily Introscope** and identify the bottlenecks of the application.
* **Experience using Web (html/http), WebServices, AJAX, SAP-WEB and Oracle\_NCA Protocols in Load Runner**.
* Ability to handle baseline and comparison performance tests from beginning to end (Test plan, scripting of tests, scenario execution, analysis, and reporting of results).
* **I**n depth knowledge of architectures and technologies as they relate to performance testing.
* Knowledge of all phases of Software Development Life Cycle (SDLC) and Project Life Cycle. Testing Software quality standards, configuration management, change management and Quality procedures.
* Expertise in Front-End, Back-End and mocking **XML** test data and flat files data with Mapping documents and control files for various systems and **2+ Years of experience on Production Support**.
* Good experience on **JMeter, SoapUI** and have good knowledge on NeoLoad, Silk Performer, **Selenium**, and QTP.
* Experience with testing in **Agile** Development and highly iterative software development environment.
* Proficient in **UNIX environment, Autosys** and knowledge of writing shell scripts. Familiar with OOP concepts and good understanding of **Object Oriented** **J2EE architecture, SOA architecture**.
* Expertise in System support during IST/E2E/UAT and Production Implementation.
* Experience with defect tracking processes and source code management tools.
* Ability to interact with developers and product analysts regarding Testing status.
* Ability to come up to speed quickly by learning the system and business rules.
* Able to work on complex quality assurance tasks where a variety of factors may impact the results and ability to work independently and take initiative as well as actively participate in team enterprises.
* Excellent analytical, root cause analysis and troubleshooting skills and ability to work with others in identifying major issues during the testing phases
* Excellent analytical, programming abilities to create elegant, flexible and maintainable solutions

**Technical skills**

Operating Systems:Windows NT/2000/XP, UNIX, AIX5.2, Sun Solaris, Linux

Testing Tools: **Load Runner, Quality Center (QC), Performance Center, Wily Introscope**, **JMeter**, BlazeMeter, Silk Performer, **SoapUI**, NeoLoad, Selenium (IDE, WebDriver), QTP

Languages: JAVA, C, C++, TSL, SQL, PL/SQL, JCL, HTML, XML

Scripting Languages:JavaScript, UNIX Shell Scripting.

Databases:ORACLE, SQL Server, MySQL, DB2, Teradata, MS Access

Web, Application Servers:BEA WebLogic, IBM WebSphere, Apache Tomcat, IIS

Tracking Tools: **ALM,** ClearQuest, Remedy, Bugzilla, PVCS Tracker

Technologies:JSP, Servlets, EJB, JDBC, Struts, ASP, VB, .NET, C#, HTML, DHTML, XML, API, WML, Ajax, Middleware (JMS, MQSeries, RMI, SOA), WebServices, SOA Tools, AutoSys, HP Service Test, Applets, RUP, UML, ClearCase, CM Synergy, LDAP, DNS, Data Warehouse, DataStage, AbInitio, Crystal Reports, Business Objects, Agile Methodology, Lotus Notes, Mainframe, AS400, TIBCO.

Protocols: **WEB (HTTP/HTML), Web Services**, Oracle NCA, SAP-WEB, AJAX, Citrix, RTE, RDP, Java Vuser, TCP/IP, IIOP, VOIP, SNMP, FIX, IREP.

**Education Details:**

Bachelor of Engineering **(**Electrical & Electronics Engineering**),** SV University, Tirupati, INDIA.

**Professional Experience**

**Lockheed Martin (Social Security Administration), Baltimore, MD August 2014 – Present**

**Sr Performance Test Engineer**

**Description:** Disability Case Process System (DCPS) is one of the Social Security Administration servicing system. DCPS will provide the service to disabled people and this system will analyze the Disability Cases and process the Disability Claims.

**Responsibilities:**

* Analyzed requirements and other project related documents to develop the test plans and scenarios.
* Parameterized input values and correlated dynamic system unique values using Load Runner VUGEN.
* **Performed Web Services performance tests using WSDL, web service calls and soap requests.**
* Developed web custom requests to perform the specific user transactions.
* Performed Web Services functional testing with SoapUI, analyzed WSDL and prepared web service XML requests.
* Performed XML API functional and performance testing, Monitored error logs, CPU utilization and GC Heap usage.
* Performed **CA Wily Introscope** for Monitoring DCPS Load tests and analyzed server side Servlets, JSP, EJB, DB2 component graphs and Heap usage.
* Implemented SSL based communication with Client and performed Network Bandwidth tests.
* Monitored the Resources metrics to find the performance bottlenecks of the application.
* Analyzed Throughput Graph, Hits/Second graph, Average Transactions per second graph using Analysis tool.
* Analyzed JVM Heap Dump, JVM Tread Dup, GC Logs and Web Access Logs.
* Worked on production to find the current and projected user volume and transaction density.
* Developed and implemented load and stress tests and presented performance statistics to project team, and provided recommendations on how and where performance can be improved.
* Worked on client side JavaScript and added to Load Runner Script to handle the unique values.
* Involved in various meetings with project team to gather the performance requirements and SLAs before testing.
* Ran the data refresh scripts before running the performance load tests.
* Connected to the Sun Solaris WebSphere server for error logs to identify the issues.
* Interacted with project management to discuss the performance test results.
* Attended status meetings and walkthroughs and reported weekly testing status to the Manager.

**Environment:** LoadRunner11.52, Performance Center11.5, ALM11.5, Web (HTTP/HTML), Web Services, SoapUI, Fiddler, VMware, Sun Solaris, Java Script, XML, WSDL, XML API, JMS, Web Sphere, CA Wily Introscope, Oracle, DB2, J2EE, Mainframe, MS Office.

**hCentive (HealthCare.gov FFM SHOP), Reston, VA May 2014 – July 2014**

**Sr Performance Test Engineer**

**Description:** FFM-SHOP (Federally Facilitated Marketplace-Small Business Health Options Program) Employer Portal is to provide the healthcare (Medical, Dental, Vision) insurance to their employees. Employer can create account, check eligibility, Add employees and enroll with FFM-SHOP.

**Responsibilities:**

* Analyzed business requirements and project related documents to create test plans and scenarios.
* Involved in various meetings with project team to gather the performance requirements and SLAs.
* Parameterized various input values and correlated dynamic unique values**,** enhanced scripts, created work load scenarios and executed performance/load tests**.**
* Created VUgen scripts to generate the unique test data for employer, employee information.
* Performed Web Services performance test using WSDL and web service call requests.
* Performed test execution, monitoring, diagnostics, analysis, tuning and reporting of results to identify and troubleshoot system performance issues and bottlenecks.
* Monitored the Resources metrics to find the performance bottlenecks of the application.
* Analyzed Throughput Graph, Hits/Second graph, Average Transactions per second graph using Analysis tool
* Developed and implemented load and stress tests with Load Runner and presented performance statistics to application teams, and provided recommendations where performance can be improved.
* Performed performance tests using JMeter and BlazeMeter.
* Used Putty to connect to the JBoss server for error logs to identify the server side issues.
* Interacted with project managers and management in the development, execution and reporting of test results.
* Attended status meetings and walkthroughs and reported weekly testing status to the Manager.

**Environment:** LoadRunner12.0, JMeter, BlazeMeter, Web (HTTP/HTML), Web Services, Linux, XML, XML API, SOAP, SOAPUI, Oracle, J2EE, MS Office, Putty, SQL Developer, Fiddler, Agile, Cloud.

**Social Security Administration, Baltimore, MD Jan 2012 – April 2014**

**Sr Performance Test Engineer**

**Description:** Social Security Administration offers online information and services to third parties. SSA provides services to government organizations and authorized individuals to conduct business with Social Security and provides guidance to employers on reporting wages to Social Security.

**Responsibilities:**

* Analyzed business requirements and other project related documents to create test plans and scenarios.
* Parameterized various input values and correlated dynamic unique, session Ids with VUGEN and simulated number of concurrent users for load**,** created scenarios and executed performance tests**.**
* Performed test execution, monitoring, diagnostics, analysis, tuning and reporting of results to identify and troubleshoot system performance issues and bottlenecks.
* Designed and develop test data strategies to drive workloads for performance test report.
* **Performed Web Services performance test using WSDL, web service calls and soap requests.**
* Performed Web Services functional testing with SoapUI, analyzed WSDL and prepared web service XML requests.
* **Extensively used Web (html/http), Web Services and Oracle\_NCA Protocols for SSA Applications.**
* Performed XML API functional and performance testing, Monitored Websphere error logs, CPU and GC Heap usage.
* Performed **CA Wily Introscope** for Monitoring SSA Production and Integration performance testing Applications and analyzed server side Servlets, JSP, EJB, DB2 component graphs and Heap usage analysis for memory leaks.
* Monitored the Resources metrics to find the performance bottlenecks of the application.
* Analyzed Throughput Graph, Hits/Second graph, Average Transactions per second graph using Analysis tool
* Created VUGEN scripts for test data purpose and performed root cause analysis for the application issues.
* Worked on production to find the current and projected user volume and transaction density.
* Developed and implemented load and stress tests with Load Runner and presented performance statistics to application teams, and provided recommendations on how and where performance can be improved.
* Involved in various meetings with project team to gather the performance requirements and SLAs before testing.
* Ran the data refresh shell scripts before running the performance load tests.
* Worked with development, web admin and DBA to find the issues.
* Provided support to the development team in identifying real world use cases and appropriate workflows.
* Performed in-depth analysis to isolate points of failure in the application and troubleshoot performance issues.
* Used Putty to connect to the Sun Solaris websphere servers for error logs to identify the server side issues.
* Interacted with project managers and management in the development, execution and reporting of test results.
* Attended status meetings and walkthroughs and reported weekly testing status to the Manager.

**Environment:** LoadRunner11.5, Performance Center11.5, ALM11.5, Web (HTTP/HTML), Web Services, Oracle NCA, SoapUI, SAP-WEB, AJAX, Sun Solaris, JavaScript, XML, WSDL, XML API, JMS, Web Sphere, CA Wily Introscope, RUM, Oracle, DB2, J2EE, Mainframe, MS Office, Putty, Toad, Fiddler.

**Monster Government Solutions, McLean, VA July 2011 – Dec 2011**

**Performance Test Engineer**

**Description:** Monster Government Solutions began working with leaders in government and education. MGS provides the way people look for government jobs and make a difference in the lives of people across the country, the way employers look for people, and how organizations connect with their target audiences. MGS mission is to help you achieve your workforce mission.

**Responsibilities:**

* Gathered requirements, specifications, developed test plans, test scripts and executed scenarios.
* Collected performance metrics on various configurations, performed baseline and comparison tests.
* Parameterized test scripts for various parameter values and simulated number of concurrent users for load scenarios and correlated dynamic unique session Ids.
* Performed Vugen test scripts with concurrent VUsers with ramp-up, ramp-down and duration options.
* Designed and maintained performance and scalability test suites based on product specifications**.**
* Identified appropriate protocols on various applications with Protocol Advisor utility.
* Performed Web Services test using WSDL, web service call and soap request.
* Performed Automated web based functional testing using Selenium IDE and WebDriver.
* Analyzed throughput, Hits/Second, Transactions per second graphs using LR Analysis tool
* Worked on test results and application resource usage graphs to identify performance bottlenecks.
* Performed extensive back-end database testing with complex PL/SQL queries in toad to test the different scenarios and made TNS names properties for toad database connection.
* Developed test plan, test cases and executed with required test data and followed up status in Quality Center.
* Prepared operational documents and uploaded to Share Point for application support team.
* Attended status meetings and walkthroughs and reported weekly testing status to the Manager.
* Worked closely with developers for longer hours on short notice when required to meat deadlines.
* Connected to UNIX Sun Solaris servers and FTP files across different test environments by using SSH, Putty, and Command prompt.

**Environment:** LoadRunner11, Apache JMeter, Selenium, Web (HTTP/HTML), Web Services, SAP-WEB, AJAX, FTP, QTP, JIRA, Sun Solaris, XML, XML API, JMS, Tomcat, Oracle10g, Quality Center11, PL/SQL, SQLNavigator, J2EE, MS Office, Shell Scripts, SSH, Putty.

**Fannie Mae, Herndon, VA Oct 2010 – June 2011**

**Production Test Engineer**

**Description:** Fannie Mae provides financial products and services that increase the availability and affordability of housing for low, moderate and middle income. Credit Loss Management (CLM) Systems help manage the risk of credit loss. Servicer Default Management Utility (SDMU) is a new business tool system provides various loan workout options Fannie Mae offers, with an emphasis on preferred order of programs and online resources for communication with borrowers.

**Responsibilities:**

* Participated in application technical design processandPerformed User Acceptance testing (UAT) and Vendor integration testing (VIT) environment setup. Worked on properties files, set facls.
* Performed SDMU application technical shakeout with Java Client to ensure no environment/application issues after code migration in User acceptance testing and vendor integration testing environment.
* Gathered requirements, specifications, developed test plans, test scripts and executed scenarios.
* Collected performance metrics on various configurations, performed baseline and comparison tests.
* Parameterized test scripts for various parameter values and simulated number of concurrent users for load scenarios and correlated dynamic unique session Ids.
* Performed Vugen test scripts with concurrent VUsers with ramp-up, ramp-down and duration options.
* Designed and maintained performance and scalability test suites based on product specifications**.**
* Identified appropriate protocols on various applications with Protocol Advisor utility.
* Performed Web Services test using WSDL, web service call and soap request.
* Analyzed throughput, Hits/Second, Transactions per second graphs using LR Analysis tool
* Worked on test results and application resource graphs to identify performance, bottlenecks, and scalability issues.
* Performed TIBCO Servers operations and monitored Tibco Services in UAT and VIT environments.
* Performed WebLogic Servers operation and monitored instances and logs.
* Performed JMS Queues with Hermes and drained queues as per requirement.
* Supported SDMU Auth service, Decision service, Workflow service and Reporting service operations.
* Communicated the test results and test status to the manager and project team.
* Identified errors, defects and data quality issues and performed root cause analysis.
* Worked with File Transfer Portal setup team and performed SDMU FTP operations.
* Performed testing using the frond-end CLM GUI and back-end data base queries.
* Performed extensive back-end database testing with complex PL/SQL queries in toad to test the different scenarios and made TNS names properties for toad database connection.
* Developed test plan, test cases and executed with required test data and followed up status in Quality Center**.**
* Supported SDMU application during the production implementation.
* Prepared operational documents and uploaded to Share Point for application support team.
* Attended status meetings and walkthroughs and reported weekly testing status to the Manager.
* Connected to UNIX Sun Solaris servers and FTP files across different test environments by using SSH, Putty, and Command prompt.

**Environment:** Quality Center, LoadRunner 9.5, Web (HTTP/HTML), Web Services, SAP-WEB, AJAX, FTP, QTP, AutoSys, Rational ClearQuest, Remedy, DOORs, TIBCO, Sun Solaris, XML API, JMS, Weblogic, Oracle10g, TOAD, Java, J2EE, MS Office, Shell Scripts, SSH, Putty, Hermes Queues.

**NewYork Life Insurance, Clinton, NJ Feb 2010 – Oct 2010**

**Performance Test Engineer**

**Description:** NewYork Life Insurance is one of the leading life insurance companies. NYL provides Life Insurance, Lifetime Income, Investment Annuities, Long-Term Care Insurance, and Mutual Funds.

**Responsibilities:**

* Reviewed requirements and specifications for potential performance risks/issues.
* Conducted walkthroughs with Project team/business analyst to understand the application process.
* Developed performance Test Plan for load and performance testing.
* Developed automated test scripts using Load Runner Virtual user generator and designed test data for individual test cycles.
* Performed various Load and Performance test scenarios using Controller.
* Correlated Vugen scripts to handle the dynamic values.
* Parameterized automation scripts for various parameter values and simulated number of concurrent users for load scenarios to determine response times and bottlenecks.
* Determined appropriate protocols for assigned applications with Protocol Advisor utility.
* Executed Vugen test scripts in Controller with concurrent VUsers with ramp-up, ramp-down and duration.
* Performed baseline and comparison performance tests from beginning to end (developing test plan, test scripts, scenario execution, analysis, and reporting of results)
* Performed Web Services with WSDL, web service call and soap request.
* Monitored various system resources on application and database servers.
* Analyzed Throughput Graph, Hits/Second graph, Transactions per second graph using LR Analysis tool
* Worked on analysis of test results to identify performance, bottlenecks and scalability issues in application using various system and application resource usage graphs.
* Worked with technical teams such as Development, Operations & Architecture to discuss performance/stress test results and troubleshooted the issues represent the Performance Testing Team in meetings with Tech Managers, Business Owners and Stakeholders.
* Managed multiple tasks and meet the test scheduled dates.
* Created Requirement Traceability Matrix with requirements and test cases to ensure complete test coverage in the Quality Center.
* Performed extensive back-end database testing with complex PL/SQL queries in toad to test the different scenarios in the application.
* Opened defects in to Quality Center and fallowed with developers until it fixes.
* Participated in application technical design process, involved in QA environment setup and application build process.
* Worked closely with business analysts, developers to nail down the technical problems and provided production support while Implementation.

**Environment:** QualityCenter, LoadRunner 9.5, TeamQuest, IAX, Sun Solaris, XML, JMS, SOA Tools, WebSphere, MySQL, Oracle10g, J2EE, MS Office, Web (HTTP/HTML), SAP-WEB, Web Services, AJAX, JDBC, Lotus Notes, LapLink Gold, Putty.

**AOL, Dulles, VA May 2009 – Jan 2010**

**Performance Test Engineer**

**Description:** AOL is an American global Internet services and media system. AOL Global Alert System will provide the various alerts for the customers. Users can create various global alerts and subscriptions.

**Responsibilities:**

* Analyzed business requirements, software requirements, use cases and functional requirements.
* Conducted walkthroughs with developers/business analyst to understand the functionality of the global alert system and clarifications.
* Developed test plan and detailed functional test cases and test scripts.
* Identified the areas to be automated in the AUT (Application under Test).
* Involved in preparing automation Test Plan Document.
* Parameterized data for data driven testing in order to implement retesting using multiple sets of data.
* Logged the defects in to Quality Center and fallowed with developers until it fixes.
* Developed test Scripts using Load Runner Virtual user generator for Performance testing.
* Performed various Load and Performance test scenarios using Controller.
* Correlated the script to handle the dynamic values.
* Parameterized the scripts for various values.
* Executed the scripts in Controller with concurrent Vusers with ramp-up, ramp-down and duration options.
* Performed Performance tests with JMeter using TestPlan, Thread Group, Sampler, Listener, and Assertions.
* Monitored various system resources on application and database servers.
* Analyzed Throughput Graph, Hits/Second graph, Transactions per second using Analysis tool
* Worked on analysis of test results to identify performance and scalability issues in application using various system and application resource usage graphs.
* Performed extensive back-end database testing with complex PL/SQL queries in toad to test the different scenarios in the application.
* Participated in application technical design process, involved in QA environment setup and application build process.
* Attended status meetings and walkthroughs and updated test cases with new enhancements.

**Environment:** QualityCenter9.2, Quick Test Pro 9.5, LoadRunner 9.5, Jmeter, Sitescope, Linux, Shell Scripts, XML, XML API, JMS, WebService, Apache Tomcat, MySQL, ATOMICS, Oracle10g, TOAD, ActiveMQ, Java, J2EE, MS Office, FTP, UDR SMS Gateway, SMTP Gateway, AIM, Putty.

**Verizon Business, Ashburn, VA Apr 2007 – Apr 2009**

**Software QA Engineer**

**Description:** StatusPro is a web-based integrated reporting and tracking system. StatusPro offers end-users a way of tracking orders through the order process. StatusPro receives milestones from service ordering and Provisioning systems and process milestones to Enterprise and Billing systems. StatusPro can schedule reports for future use, and saving frequently used sets of criteria.

**Responsibilities:**

* Analyzed business requirements and software requirement documents.
* Developed test plans and detailed functional and usability test cases for each deliverable of the software and project implementation services. Maintained Requirement Traceability Matrix (RTM) between Requirements and test cases.
* Participated in design reviews and Test case reviews to ensure scenarios accurately captured business functionality.
* Opened defects under Defects Tab in Quality Center and followed with developers to fix the bugs**.**
* Performed regression testing after developer fixed the defects and updated the changes.
* Mocked XML files test data and Flat files data for service Order, Reporting systems to satisfy test scenarios required.
* Configured SoapUI tool and performed Functional Web Service tests and Web Service Mocking.
* Identified critical scenarios in application to Create, Enhance & develop scripts required for Performance testing using Virtual user Generator (VuGen**)**
* Used Parameterization and Correlation while creating the scripts to avoid hardcode values
* Performed Data Analysis testing for various source and target systems.
* Developed test Scripts using Vugen for Performance testing.
* Performed various Load and Performance test scenarios using Controller.
* Used Controller in Load Runner to create manual as well as goal oriented scenarios and running the scenarios.
* Worked on analysis of test results to identify performance and scalability issues in application using various system and application resource usage graphs.
* Involved and supported for production support during the production implementation.
* Tested production defects and followed up with developers to fix the bugs.
* Prepared documentation on all test scenarios with the expected results.
* Managed the overall test process according to the Agile Methodology.
* Environment shakeout and smoke test before to start functional testing.
* Performed sending messages from SPRO to another system EOM through SOA with MQ Series, JMS, BOD XML and Ascential DataStage Jobs.
* Mentored offshore team and coordinated with Onsite and Offshore teams to resolve the issues via Microsoft Office Live meeting utility.

**Environment:** HP QualityCenter9.2, QTP 9.2, Load Runner 9.1, Jmeter, Oracle10g, PL/SQL, SQLDeveloper, Ascential Data Stage, Sun Solaris 8, J2EE, XML, XSchema, JMS, SoapUI, Web Services, VOIP, FTP, MQSeries, IBM WebSphere, SharePoint, Hummingbird, Putty, Agile, MainFrame, MVS, TSO, ISPF.

**Verizon Communications, Arlington, VA Feb 2005 – Mar 2007**

**Production Support**

**Description:** XRM is a solution designed to automatically generate service orders for the Local Service Requests (LSR) submitted by Competitive Local Exchange Carriers (CLECs). LSR is received by one of verizon wholesale interface gateway systems (LSI-EDI, WEB GUI, and LSI) through MQ listeners and socket listeners. The LSR is received in internal format (EIF) from LSI and WEB GUI. This application starts a multi-step workflow process like Validation of input LSR, Storage of input LSR for tracking, review, Population of data required for service orders.

**Responsibilities:**

* Reviewed Business Requirement Documents and Functional specifications
* Involved in reviewing and discussing Test Strategy and Test Plan with other team members.
* Developed detailed test cases from business requirements and software requirements documents
* Performed Front-End Web based functional and Navigation Testing.
* Involved in Build (.ear, .jar, .war) and Deployment process and tested applications through Web Logic. Used CM Synergy for checkout/check in.
* Tested production defects and followed with developers to fix and managed defects in ClearQuest.
* Performed regression testing after the developer fixed the bugs.
* Involved and supported production support during the production implementation.
* Performed backend testing with SQL Queries, triggers, functions and verified data integrity.
* Performed Data Analysis testing for various source and target systems.
* Performed source to target mapping of data while System and Integration testing and performed ILOG Jrules business process testing.
* Create Test Plan and Test Strategy for Performance testing with dependences and Workload identification
* Identified critical scenarios in application to Create, Enhance & develop scripts required for Performance testing using Virtual user Generator (VuGen)
* Used Parameterization and Correlation by passing multiple Values into the hard coded values and server generated values like Session id’s in (VuGen)
* Designed Scenarios testing the application in Controller (Both Manual and a Goal Oriented)
* Developed test Scripts using Vugen for Performance testing.
* Performed various Load and Performance test scenarios using Controller.
* Worked on analysis of test results to identify performance and scalability issues in application using various system and application resource usage graphs.
* Prepared test matrices based on defect status Using Quality Center.

E**nvironment:** Quality Center9.0, QTP 9.0, LoadRunner9.0, AIX5.2, J2EE, Oracle9i, DB2, TOAD, PL/SQL, EDI, XSchema, XML Spy, JMS, SOA, WebServices, MQSeries, WebLogicServer8.1, Web 2.0, VATT, SOA Testing tool, WLI, Wily Introscope, ILOG, LDAP, DNS, VOIP, IREP, CM Synergy, Lotus Notes.

**Insurance Technology Services of America Beverly, MA Nov 2003 – Dec 2004**

**QA Engineer**

**Description:** Creating visionary E-commerce solutions that are changing insurance business practices forever by ITSA. The technologies developed by ITSA use the power of the Internet to streamline the exchange of information among insurance carriers, agents and consumers.

**Responsibilities:**

* Analyzed requirements based Technical specifications.
* Created and Maintained Requirements using Requirement tab in Test Director
* Created detailed Test Cases using Test Plan Folder in Test Director.
* Created detailed design steps based upon Test Scenarios.
* Executing Test Scripts using Test Lab folder in Test Director.
* Developed automation scripts in Vugen and executed performance test scenarios in controller.
* Performed Black Box testing and White Box Testing and involved in verifying software components and hardware configuration.
* Analyzed data defects and malfunctions within the testing process.
* Performed regression testing once the defects fixed and promote the changes to QA.
* Executed the test scripts and updated test results with actual results in Test Director.
* Involved in End-to-End testing of the application.
* Involved in meetings to update the process flow charts.
* Created data driven tests to process different sets of data using WinRunner.
* Developed and executed data mapping and data migration test cases to verify the data cleansing and transformation.

**Environment:** Test Director, LoadRunner, PL/SQL, mySQL, Java, Servlets, JSP, Java Script, HTML, DHTML, XML, Oracle 8i, Sybase, SQL Navigator, WebSphere5.0, TestManager, ClearQuest, UNIX, Windows.

**Wachovia Bank, Winston Salem, NC Jan 2003 – Oct 2003**

**QA Engineer**

**Description:** This system is developed by Wachovia Bank and provides on-line information about its clients’ holdings, loans, maturity, realized or unrealized gain and loss etc.

**Responsibilities:**

* Analyzed Business and Functional requirements of the application and worked with Business users to understand project requirements and to figure out the scope of test strategy.
* Developed Test Scripts and Maintained Requirement Traceability Matrix (RTM) to track the requirements to the test cases to ensure complete test coverage in the Rational Test Manager.
* Prepared personal Loans test data and financial information exchange (FIX) messages with FIX Trading Interactive tool and tested process flow.
* Performed System testing, Integration, regression and smoke Testing
* Performed Manual testing and Front-end Web based Functionality testing, Navigation testing, links validation, Session management, cookies and Security testing in different web browsers like Internet Explorer (IE), Netscape, and Firefox.
* Involved in different meetings and walkthroughs and sent weekly status to QA manager**.**
* Performed End-to-End testing of the application.
* Involved in User Acceptance testing of the application with business experts.
* Opened defects and maintained in defect tracking Clear Quest.
* Managed software requirements using RequisitePro.
* Performed SQL to validate various reports, data loads and extract processes.
* Imported Data from Flat files and exported data to Database and validate the data transformations.

**Environment:** Rational Suite, DOORS, RequisitePro, Backend Manual Testing, FIX Protocol, DB2, COBAL, JCL, HTML, XML, Java, Servelets, Java Script, Web logic, Apache Tomcat, and PL/SQL.