**Srikanth Yadav**

**Sr. Performance Tester**

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**PROFESSIONAL SUMMARY:**

* Over 7+ years' of experience in Performance Testing Tools using HP Load runner, ALM from 8 to 12.x
* Extensive hands-on in Monitoring Tools such as App Dynamics, Site scope, Application Engine.
* Extensive hands-on in web(http/html),web(click and script), web services, Ajax(click and script), TruClinet, Oracle(NCA), Flex, Mobile(http/html) and Oracle Web Application 11i protocols
* Extended performance testing experience on Oracle E-Business Suite & JD Edwards Applications
* Extended performance testing experience on Cloud hosting Applications
* Extensive hands-on in Performance Testing: Web, Mainframe, JMS/IBM MQ, IVR applications and Flash applications in (J2EE/.Net) in UNIX, SOLARIS, ZOS and Windows environment.
* Analyzed & Converted business requirements successfully into accurate/technical/ performance requirements.
* Involved in the Continuous Integration of the automation framework with Jenkins.
* Confident and technically competent Performance testing specialist with rich exposure to various testing techniques and entire Performance Testing Life Cycle across various domains including Banking, Insurance, Healthcare & Manufacturing
* Setting up the performance testing environment(configuring and installing performance center agents, MI listener, Server Monitors, monitor over the firewall component (MOFW) and injector over the firewall(IOFW) and setting appropriate counters for monitoring the application using LoadRunner Monitors
* Expert using Load Runner and Performance Center for performance engineering.
* Specific performance testing expertise includes load, baseline, benchmark, component, regression, functionality and stress testing using Load Runner.
* Preparing performance testing estimation, test plan-test strategy and execution. Created Various suitable performance critical scenarios for the application
* Created various and multiple protocol Virtual User scripts and enhanced the scripts to the complex functional requirement in all projects involved.
* Developed an automated scripts and frame works using Python, Java, C#, VB Script.
* Experience on work load model, design of scripts, collaborating for test data, monitoring load generation environment and performance test environment, and managing the performance testing team.
* Extensive hands-on in front web pages, Web & Application tier analysis and publish detailed report covering identified issues and recommendation
* Experience into drill down on monitoring results and Analyze client side performance metrics & observe potential Performance Bottlenecks
* Knowledge of Apache Subversion (SVN) and Jenkins Continuous Integration Server - Installation, Configuration, Design and Administration, and integrating these tools with other systems.
* Review and publish server side performance test reports with bottleneck identification
* Actively participated in POC , Project proposals and Preparation of performance testing process templates PTCoE set up projects
* Good knowledge on Performance Testing Tools NEOLOAD and RPT
* Good experience in handling support related testing engagements and PTCoE set up projects
* Extensive hands-on in Monitoring various Application Servers such as Web Logic, Web Sphere, JBoss, IIS and Tomcat
* Proven expertise in monitoring tools such as SMF and SAS scripts for Mainframes Batch performance testing
* Excellent analytical, troubleshooting and problem solving skills

**TECHNICAL SKILLS::**

**Operating Systems** Windows-98, 2000,ME, XP, Unix(AIX,Linux) 6.1

**Middleware** Apache Tomcat , IIS , IBM Web Sphere , Web Logic Server, WS MQ

**Database** Oracle 10g, MS Access, SQL SERVER, DB2,TOAD, IMS DB

**Language** C, C++, Java, SQL, HTML,XML

**Performance Test Tool** Load Runner , Jmeter, Rational Performance Tester

**Test Management** Tools Performance Center , Quality Center, Visual Source Safe (VSS)

**Monitoring Tools** Site scope, App Dynamics, HProf, Alfa works

**PROFESSIONAL EXPERIENCE::**

**American Family Insurance - Madison, WI May 2015 – Till Date**

**Sr. performance tester**

**Project Description:**

Description: As part of the transition from Legacy systems to Strategic Solution, AmFam initiated a multi-year Systems Replacement Project (SRP) . The objective of the Systems Replacement Project to replace the existing Personal Lines and Commercial Lines Policy administration, Claims, Billing and related support systems with new state-of-the-art GuideWire system. The project also includes creation of a data warehouse, enhanced reporting capabilities, and implementation of automated testing.

**Responsibilities:**

* Prepared Test Plans for each release, written Test Cases and executed them as part of Functional Testing. Prepared Test Reports and Deliverables and submitted for version releases.
* Gathered the requirements and strategize a Test Plan, design scenario and execute test and reports and Results.
* Preparation of Business Process Flow Documents for the identified transactions.
* Developed all the Vuser Scripts using the LoadRunner 12.0 Vugen.
* Involved for setting up and executing of the test cases, and capture data related to performance testing.
* Developed scripts and scenarios for automated testing new and enhanced web based products using LoadRunner.
* Responsible Performance testing, debugging, executing, analyzing complex applications using HP LoadRunner and ALM HP Performance Center.
* Creating and modifying tested externally on a global location.
* Execution of scripts in Controller and Performance Center.
* Used Rendezvous point, Start and End Transaction, Parameterization, Correlation features in Virtual User Generator of LoadRunner.
* Integrated with Continuous Integration tools Jenkins for running test on regular basis automatically.
* Performed Performance testing using Load Runner and developed test scripts, test cases and scenarios.
* Enhanced script by inserting Checkpoints to check if Virtual users are accessing the correct page which they are supposed to be accessing.
* Used python to develop Automation framework to Validate RESTful Web Services.
* Help application team identify bottlenecks on Apache Tomcat servers.
* Performance measurements on different user load scenarios.
* Coordination with the application team to resolve the application issues.
* Performed performance stress/load test on web and windows based applications using LoadRunner.
* Developed Loadrunner Scripts in PeopleSoft Enterprises, Web, Web Services and Citrix protocols.
* Created a scenario with certain amount of Vusers giving ramp up, ramp down and run time in the controller of Performance center.
* Setup Jenkins for continuous integration tests.
* Created Reports/Graphs using Load Runner analysis tools.
* Perform the monitoring performance of the application and database servers during the test run using tools like AppDynamics and SiteScope.
* Developed and maintained automated regression test cases in Selenium WebDriver using Core Java, python programming language
* Good experience in using APM tool AppDynamics in monitoring business transaction across all tiers (web/app/DB) of the applications.
* Analyzing the results bases on benchmark and publishing the Analysis Report at the end of every performance

Run.

* Closely working with performance management team in tuning the identified performance bottle necks and Retesting the application till these are either eliminated or minimized.

**Environment:** LoadRunner 12.0, Performance Center 11.5, DynaTrace, SiteScope, Perfmon, Python, Windows 7, Web (http/html), SharePoint, UNIX, Web Services, SQL.

**Client: Caterpillar Inc - Nashville, TN Sep 2013- Apr 2015**

**Sr. performance tester**

**Project Description:**

Description: Caterpillar Inc. is an American corporation which designs, manufactures, markets and sells machinery and engines and sells financial products and insurance to customers via a worldwide dealer network Caterpillar has grown to be the world's largest maker of construction and mining equipment, diesel and natural gas engines, and industrial gas turbines.

**Responsibilities:**

* Analyzed Software Requirement Specifications (SRS), Technical Specification and Functional specification Documents for developing manual test cases .
* Collaborated on writing test plans and choosing strategies, assist with setting up test environments and preparing data, tools, and hardware for testing projects.
* Worked on distributed test automation execution on different environment as part of ContinuousIntegration Process using Selenium Grid and Jenkins.
* Participated in code reviews; maintain script code libraries; tested new code introduced into a function library, ensured that test scripts follow standards for design, coding, and documentation.
* Involved in Gathering Requirements, Business Processes and Peak volume necessary for Performance Testing.
* Contributed to the Continuous Integration pipeline running component builds, creating and running Deployment jobs on individual stages on Jenkins, and running automated and manual functional tests.
* Used Performance center for managing Performance testing activities
* Developed scripts for .net & Java applications using Web (HTTP/HTML) protocol.
* Developed the Load Runner scripts in VUGen and created different scenarios in Performance center as per the requirements.
* Hands on experience in data processing automation using python.
* Configured the Performance center hosts.
* Handled the multiple executions and host sharing using the Time slot option in Performance center
* Developed scripts in Web (HTTP/HTML), SAP-WEB and SAP -GUI VUser.
* Developed test execution scripts for Scrum and Agile Methodology.
* Audited and assisted in developing the Load Runner scripts and created different scenarios as per the requirements.
* Jenkins Continuous Integration Server - Installation, Configuration, Design and Administration, and integrating these tools with other systems.
* Verified that Web application performance meets the requirements for page response times, numbers of concurrent users, and system resource usage.
* Conducted load testing to collect and analyze information about how different user load levels affect the use of system resources and responsiveness.
* Created core python API which will be using among all modules.
* Configured the servers and monitored using HP Open View, wily.
* Provided testing project status information and create software testing results reports.
* Created Custom Analysis Templates to report results with legends, granularity etc.
* Used Actions and Re-Usable Actions in Quick Test Pro, for designing the Automation test scripts and executed in Quality Center
* Involved in the walkthrough meetings and defect report meetings periodically.

**Environment:** HP LoadRunner, HP QTP, Performance Center, JMeter, Sharepoint, Sitescope, C, Python, VBScript, TSL, XML, HTML, MS Office, SQL, PL/SQL, WSDL, VTS, SOA, Crystal Reports, Web (HTTP/HTML), WebServices, XML Marker, WebSphere (WAS), IBM HTTP Server (IHS), Unix and Windows.

**Client:JPMC, New York, NY Feb 2011 – Aug 2013**

**Sr. performance tester**

**Project Description:**

JPMC Chase is one of the biggest mortgage and lending giants in USA with asset of 2.3 trillion spread across all the globe and has its own development and testing centers in United States, India and Philippines to support IT, Financial software products serving its millions of customers.

**Responsibilities:**

* Analyzed the Business Requirements Specification, System Requirements Specification and User Interface Specification document
* Used Quality Center for Test cases, Test Execution, and Generating Reports.
* Extensively used LoadRunner for performance and stress testing
* Coordinated with development lead for timely build release to System Test Environment
* Prepared Test Plan and Planning Test Schedules based on the business requirements
* Used Quality Center to prepare Test Cases with the complete description of requirements.
* Uploaded manual test cases into Quality Center for Reported and managed defects using Quality Center, and interacted with the developers to resolve technical issues.
* Used LoadRunner Analysis to create graphs and reports from the load test results to correlate system information and identify both bottlenecks and performance issues
* Tested and created reports using with SQL Queries as per client requirements.
* Wrote and Executed SQL Queries for Oracle database testing.
* Experienced in testing web services using SOAPUI.
* Understood WSDL file for operations and services and used SOAP protocol in the form of XML Language to send and receive request. XPath is used to navigate through elements and attributes in an XML document, used for path expressions, contains library of standard functions.
* XML Schema assertions were used to validate the SOAP response
* Performed Data Driven Testing with multiple sets of internal and external sets of data using SOAPUI
* Performed manual testing extensively and Performed Smoke, Functional, Integration, System, Regression and User Acceptance Testing by Using QTP
* Worked with Business and End Users to formulate User Acceptance Test Plan and provide sufficient support during User Acceptance Test phase.

**Environment:** J2EE (JSP, Servlets, Java Beans etc.) technologies, Oracle9.x, QTP 8.2/9.2, Quality Center 9.0/Test Director 8.2, Web logic, Rational Clear Case, JavaScript, XML, HTML, HP-Unix, TOAD, SQL & Windows2000.

**Client:  Vanguard Insurance, Valley Forge, PA Aug 2009 – Jan 2011**

**Performance Tester**

**Project Description:**

Vanguard insurance is an insurance firm which provides insurance and Financial Services to the customers. This project is about an online application which allowed customers to register on Vanguard website to receive benefits and provide access to their insurance policies and quotes. With this application customer can also request policy documents, such as auto insurance ID card, review the status of insurance bill, access saved insurance rate quotes, free online bill pay, and electronic transfers. This application has several other modules like Homeowners, Life, Claim’s and Boat owner’s insurance modules.

**Responsibilities:**

* Created, Analyzed and executed system-testing requirements, developed Test plans and Test cases.
* Analyzed, Interpreted and validated requirements and designed specifications.
* Wrote Test Plans, Test Cases and Test scripts and maintained them
* Coordinated and conducted all on-line, batch and data verification testing necessary for front-end, bank-end system.
* Involved in project planning, coordination and implemented performance methodology
* Developed Performance Test Plans and Test Strategies based on business requirements
* Conducted Performance testing by creating Virtual Users and Scenarios using LoadRunner
* Designed and developed automation test scripts using HP Quick Test Professional and managed testing activities using HP Quality Center.
* Involved in Regression Testing and Back-end testing.
* Performed the analysis on automation of manual test cases and Developed QTP Scripts.
* Modified and Executed automated and manual test scripts for different modules using QTP.
* Parameterize property values for objects and checkpoints and enhanced the script using Synchronization Points in QTP.
* Presented QA Status report and the Defect Status reports using Mercury Quality Center
* Involved in defect review meetings to prioritize defects
* Performed backend testing using SQL Queries.
* Supported and provided value added inputs for improving processes, procedures, and standards in evolving QA team.
* Involved in testing data mapping of various fields from front end to the mainframe using XML checkpoints.

**Environment:** QTP 8.2, QC 9.0, Load Runner 8.1, Team Track 6.6.1.07, SQL, XML, VB Script, Java scripts, Oracle SQL PLUS, MS Excel.