

PROFESSIONAL SUMMARY:

Over 8 years of diverse experience in the field of SDLC (Software development Life Cycle) and STLC (Software

Testing life cycle) on Stand alone, client/server and web based applications

* Conversant with all phases of Project Life Cycle including Requirement gathering, Analysis, Design, Development, Testing and Implementation of Quality Software.
* Exceptional communication skills ,Very Hardworker, Technically strong
* Experience with Mercury Tools such as Win Runner, QTP, Load Runner and Quality Center.
* Strong skills using, installing, and configuring all components of Load Runner including VUGen, Controller, Analysis, and Load Generators.
* Worked on COTS applications like peoplesoft,SAP,Siebel Etc.
* Proficient with using web, RTE,click ,Citrix, and script and web services in LoadRunner
* Wrote UNIX scripts to generate data
* SCRUM methodology was implemented in the work environment.
* Very good at ‘C’ programming
* Testing of GUI and Web based applications on Windows and UNIX platforms using automated tools.
* Experience in Developing, maintaining and Analyzing Requirements, Test Plans, Technical Specifications, Test Strategy, Test Scenarios, Test Cases, System Specifications, Use-Cases, Test Summary Reports, Bug
* Reports, Track Report and Traceability Matrix based on business requirements.
* Tested web services using SOAPUI
* Well versed in defect tracking & reporting using tools such as Test Director, HP Quality Centre, Clear Quest and Lotus Notes Database.
* Proficient in Configuration Management tools such as Lotus Notes Source Integrity, Clear Case and MS Visual Source Safe.
* Experience working in Windows and UNIX Environment
* Experience in monitoring servers using tools like SiteScope
* Analyze the CPU Utilization, Memory usage, Garbage Collection and DB connections to verify the performance of the applications.
* Develop the Test Recommendations for each test pass and Test Results.
* Analyze the network connections between the servers
* Load test execution and work with Product Management and Development determining the number of virtual users to be used during the performance test.
* Coordinate web application performance testing pre-tasks: Ensure performance test requirements are received. Develop product specific performance test plans.
* Supervise script recording, ensuring correctness and quality with an understanding of monitoring requirements based on test objectives, test execution tasks. Coordinate test window and lab utilization.
* Secure technical support for monitoring of infrastructure and to qualify observations.
* Work with other technical team members (Architects, DBA) to support the test execution to ensure correct environment configuration just prior to execution.
* Execute performance / load / stress and other non-functional tests. Monitor application logs to determine system behavior. Address all technical issues, facilitate the resolution and necessary follow up with PM,
* IS/IT, Development, and other cross-functional departments.
* Performance testing post-test tasks: Gather various reports and statistics from monitoring groups, packaging and reporting results to project teams. Assist in explanation of results and other post-test initiatives.
* Generate performance graphs, session reports and other related documentation required for validation and analysis. Publish results and receive appropriate signoff. Prepare detail status reports, and monitoring of all defects and issues.
* Monitoring tasks: Responsible for defining, setting up and maintaining appropriate monitoring scripts to monitor Systems using the following tools and approaches.
* Flexible & capable of successfully managing multiple projects simultaneously.
* Experienced in Unix Shell scripting
* Functional understanding of data warehouse design Star and Snowflake Schema, ETL and Business
* Intelligence Tools. Strong knowledge of SQL and PL/SQL to test database integrity.
* Worked with V-Model, RUP, Agile and Waterfall Methodologies.

TECHNICAL SKILLS:

* Domain knowledge: Education, Banking, Accounting, Communication.
* Web Technologies: HTML, XML, XHTML.
* Languages: SQL, C, C++, Java, Shell.
* RDBMS: MS Access, MS SQL Server, MySQL
* Methodologies: RUP, CMMI
* Operating Systems: Windows XP/2000/ Server2003/98/NT/95, UNIX, Linux, Solaris.
* Networking: TCP/IP, FTP, UDP, HTTP, FTP, FTPS, SFTP
* Automation Tools: LoadRunner, QTP, Performance Center
* Defect Tracking Tools: Test Director, Lotus Notes, Clear Quest, Quality Center.
* Monitoring Tools: SiteScope, Wily, Tivoli Performance Monitoring Tool

PROFESSIONAL EXPERIENCE:

AT&T 01/14 – 06/16

**Sr. Performance Analyst**

Applications: SAP Web, Hyperion, Siebel Web, AMDOCS, Citrix

Responsibilities:

* Participated in requirement analysis and prepared performance test documents.
* Involved in specifying the functional as well as security requirements for performance testing.
* Performed Load test, Stress test, Benchmark Profile test, Fail -Over test, Fail - Back test against supported configurations.
* Developed complex scripts in Citrix protocol
* SAP Web Click and Script
* Worked on batch performance testing using SQL queries
* Ran several peak tests of 1 hour steady state.
* Used around 10 load generators for these tests due to the high vuser load and as recommened by HP.
* Set up monitors for each of the load generator used.
* Performed Benchmark test against non-clustered and clustered application configurations.
* Identified system capacity, system scalability and stability under stable load as well as under pick load time.
* Tested web services using SOAPUI
* Load Runner was used to simulate multiple Vuser scenarios. Defined Rendezvous point to create intense load on the server and thereby measure the server performance under load.
* Verified the connectivity from Controller to the Load Generator. Utilized the IP address of Load Generators to add them to the Controller.
* Traced deadlock and expensive SQL queries and test procedures (MS SQL Profile, Oracle Performance
* Manager).
* Responsible for developing baseline Scenarios and Load Testing Harnesses for load/performance testing of the application.
* Responsible for testing both Asynchronous and Synchronous batch jobs in an enterprise wide environment.
* Performed testing for No load, Medium Load and Full Load and analyzed the system response.
* Responsible for performance monitoring and analysis of response time & memory leaks using throughput graphs.
* Cooperated with Basis Team to understand requirements and issues around test execution environment.
* Developed and enhanced scripts using LoadRunner VuGen and designed scenarios using Performance
* Center to generate realistic load on application under test.
* Monitored system resources, memory usage on system level as well as on process level to identify memory leak and CPU Utilization during the users load.
* Traced how load balancer manage users load across clustered nodes using (IP Spoofing - Load Runner build-in functionality).
* Used bugzilla for defect management
* Developed performance test plan as well as developed details performance analysis reports , Graphs (include Load Runner build -in graphs and MS Excel - custom graphs).
* Coordinated creation of stress environments to conduct stress\load testing.
* Conducted Load Test for multiple users using Load Runner.
* Extensively Used Load Runner Monitors to identify bottlenecks.

Environment: LoadRunner, SOAPUI, Siebel,Citrix, PeopleSoft, VuGen, SAP Web, Performance Center, IIS, Bugzilla, AIX, .Net, WebLogic8.1, MQ Series, MS Office, MS-Visio, Java, Windows , LINUX, HP Tivoli, LDAP, Shell, LAN, WAN

Key Bank 07/10 to 11/13

Application: Peoplesoft HRMS,Siebel,onlineBanking

**Sr. Performance Analyst**

* Interacted with the Business Analyst and application teams to discuss the performance requirements and load test strategy
* Developed the performance Test Plans and Load Test Strategies
* Developed Vuser scripts using Web (HTTP/HTML) and Web Services.
* Created customized LoadRunner VuGen scripts at API level with manual correlation, user defined functions, development libraries (classes and methods), and error handling.
* Enhanced Vuser scripts by adding correlations, parameters, condition controls, and checking/validation functions
* SCRUM methodology was implemented in the work environment.
* Developed Complex Performance Test scripts for mainframe based application
* Developed Real world Test Case Performance Simulation for SOA based application
* Used SiteScope to monitored the databases, application and web servers (at OS & Application level) for
* Performance bottlenecks while conducting Load, Stress, volume, and Memory tests.
* Monitored different graphs like transaction response time and analyzed server performance status, hits per second, throughput, windows resources and database server resources etc.
* Found performance degradation issues like “Out of Memory” problems and improved Thread pool utilization,
* Memory Leaks, JDBC connection Pool size, & Transaction Rollbacks.
* Analyzed Load pattern and created test scenarios to emulate the real life stress conditions.
* Created Test Metrics, Bug Database and generated weekly reports for senior management.
* Conducted meetings with developers, application team, business team to analyze the defects evaluate the test executions
* Involved in the decision making with the management for final applications releases

Environment: HP-LoadRunner, Siebel, Peoplesoft, Performance Center, HP-SiteScope, LoadRunner protocols:

Web (http/html)), Microsoft .NET Web (Click and Script), Web Services

Target 04/08 to 06/10

**Sr. Performance Analyst**

Applications: Siebel CRM,Target.com,VendorManagement,Documentum,Peoplesoft Web

Responsibilities:

* Assisted QA Manager in coordinating/leading the testing efforts.
* Gathered business requirement, studied the application and collected the information from Analysts.
* Performance Tested Documentum for functionality like Checkin,Checkout,View,Export,Folder Navigation
* Created LoadRunner Scenarios and Scheduled the Virtual user to generate realistic load on the server using LoadRunner.
* Created and implemented Performance tests using Mercury Interactive LoadRunner.
* Involved in developing the Test Plan Strategy, build the test client and test environment.
* Enhancing the scripts using Generator and performed Parameterization and Correlation to meet the requirements.
* Written Test Plan, Test Scenarios and Test Scripts.
* Tested Mainframe applications.
* As an Automation Tester carried out testing, to check whether the application is functioning as per the design documentation and functional requirements.
* Involved in performing load and stress test on the application and server by configuring LoadRunner to simulate hundreds of virtual users and provided key metrics to the manage ment.
* Configured and used SiteScope Performance Monitor to monitor and analyze the performance of the server by generating various reports from CPU utilization, Memory Usage to load average etc.
* Conducted all tests in the Controller by creating 100, 200, 400 virtual users for load, stress and steady state test respectively.
* Performed Data Driven and Security Testing.
* Involved in conducting stress tests and volume tests against the application using LoadRunner.
* Helped resident DBAs identify and resolve bottlenecks.
* Written & executed UNIX Shell scripts to see the output.
* Used Test Director to invoke the scripts and initially performed the baseline testing and organized all the scripts systematically and generated reports.
* Extensively used Test Director for test planning, maintain test cases and test scripts for test execution as well as bug reporting.
* Involved in defect tracking, reporting and coordination with various groups from initial finding of defects to final resolution.

Environment: Load Runner, Site Scope ,COBOL,MQseries, Siebel Web,Windows NT Server, SQL, Web Logic, IIS, C#, Java, Win Runner, and Test Director.

Progressive Insurance 01/07 to 03/08

Performance Tester

Applications: SAP Web ESS/MSS, Timesheet Management, Payroll, Online Quote

Responsibilities:

* Worked as an independent consultant for performance testing and coordinated with multiple vendors.
* Involved in preparation of estimation, capacity matrix, testing plan and details, capacity plan and performance strategy docs and conducted assessments and data modeling using excel.
* Recording, scripting, introducing dynamic navigation, parameterization and execution of the scripts were done.
* Designed and implemented performance test frameworks for improving test efficiency.
* Coordinated with legacy team to schedule batch jobs using BMC Control-M.
* Extensive advanced programming of LoadRunner VuGen scripts for dynamic navigation.
* Creating the Test Scenarios, executing and generating reports using LoadRunner.
* Performance Testing – Load testing, stress testing and soak testing of the application.
* Installed, customized and administered Performance Center, LoadRunner and QTP. Troubleshoot issues encountered, evaluate and perform upgrades of the tools in the Mercury suite.
* Leveraging my experience in functional testing using QTP and building automation solutions using Quality center.
* Configured Application Performance Analyzer for monitoring system resources and activity.
* Used SiteScope to monitor server metrics.
* Work closely with software developers and take an active role in ensuring that the software components meet the highest quality standards.
* Provide 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
* Assist in production of testing and capacity certification reports.
* Created comprehensive analysis and test results report.
* Investigate and troubleshoot performance problems in a lab environment. This will also include analysis of performance problems in a production environment.
* Created Test Schedules.
* Worked closely with clients
* Interface with developers, project managers, and management in the development,
* Execution and reporting of test performance results.

Environment: LoadRunner, SiteScope, IBM MQserver, Oracle , MS SQL Server , Weblogic, Load Balancer,

Visual Studios, JAVA , PERL, Quality Center, Solaris, OS/390, Open VMS, Windows

EDUCATION:

Bachelors in English (Jimma University).