**OBJECTIVE:**

Over seven years of diversified experience as a **Quality Assurance Analyst/ Performance Engineer**. Experience includes Requirement Analysis, Manual Testing and Automation and quality assurance of Client/Server and Web based applications.  Extensive experience using automated tools like HP Load Runner, QTP, HPQC, New Relic, Splunk.  Proven self-starter and, motivated team player with Leadership abilities and excellent communication and interpersonal skills.

***Technical Skills:***

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| --- | --- |
| **Operating Systems** | Windows XP, 2003, 2000, Vista, Windows NT and Linux |
| **Languages** | C, JAVA/J2EE, VB Scripts,  XML, UNIX - Shell Scripting |
| **Databases** | Oracle 9i/10G, DB2, SQL Server, MS-ACCESS ,MySQL, CASSANDRA |
| **GUI** | VB 6.0/5.0, JSP, Java Applets, ASP, HTML |
| **Web Related** | DHTML,  XML, VBScript, JavaScript, Applets, JAVA, JDBC, Servlets and JSP |
| **Testing Tools** | Load Runner, Web load, WinRunner, and Quick Test Pro , Jmeter, WITBE |
| **Web / Application Servers** | Apache 2.x, Tomcat 5.x, Weblogic 8.x,9.x, WebSphere 5.x,  IIS5.x, 6.x , Jetty |
| **Other** | SiteScope, Quality Center and Performance Center |

**EXPERIENCE:**

**Role: Performance Engineer**

**Client: Comcast Converged Products, Philadelphia, PA**

**Duration: Sep 2010 - Dec 2013**

**Responsibilities:**

* Defining performance goals and objectives based on the client requirements and inputs.
* Extensively worked in Web, Click and Script in Load Runner.
* Used C language to enhance Load Runner Scripts to handle exceptions
* Prepared Load Test Reports by analyzing the results from Load Runner analysis
* Implemented Mercury’s Load Runner, developed and executed Load Runner and Load Harness Test scenarios.
* Involved with Development leads in migrating the Applications, database migration.
* Load Runner scripting (HTML & HTTPS) using transaction response time measurements to establish performance benchmarks.
* Designed and performed large-scale load volume end-to-end testing using very large data files
* Created and validated test data for load tests.
* Identified and pinpoint Performance Tuning issues that impacted the various servers, SSL & load balancer.
* Evaluated the Load Harness Tool (LHT) over XRE platform, which supports the RTMP and TCP/IP protocols.
* Developed the scripts and playback them using options in Load Harness Tool.
* Gathered real time scenarios and load profile from production, created scripts and modified load profiles to mimic the user behavior for load tests.
* Created scenarios for load, Endurance, Stress, Scalability and Capacity testing.
* Monitored the system components using Newrelic, Jconsole, visual VM and Splunk tools while running the load test.
* Debugged the issues occurred during the load test.
* Involved in analyzing and summarizing the test results for complete Performance Test Report.
* Used JIRA and Quality Center for bug reporting and tracking.

**Environment: LoadRunner, LoadHarness, Quick Test Pro, SoapUI, Quality Center, Performance**

**Center, Oracle, UNIX., Jetty Web Server, Cassandra.**

**Role: Performance Engineer**

**Client: Compest Solutions Inc, Piscataway, NJ**

**Duration: Feb 2008 - Aug 2010**

**Responsibilities:**

* Involved in writing detailed Performance Test Plans, Test Scripts and Test Cases based on requirements.
* Involved in creating various Performance test scripts for testing the web-based applications using Load Runner 9.5 and 11 with HTTP/HTML and Web Services protocols.
* Interacted with the various project teams to find out the end user actions and scenarios.
* Debugged and enhanced the Load Runner Scripts using Vugen.
* Parameterized the scripts and enhanced large files according to the test cases.
* Uploaded Scripts and Created Scenarios for Load Tests, Longevity Tests and Stress Tests in controller.
* Added and monitored Web Logic, App server and Windows servers during performance testing by using SiteScope.
* Involved in the performance testing of a number of Apps Running on a variety of platforms ranging from legacy systems to Web (JAVA J2EE, Microsoft.NET).
* Performing the Load testing to test the behaviour of the DB Servers, Web Servers and Application Servers.
* Analyzed the Windows Resource utilization viz. CPU and Memory impact on the application and server when there is a change in load and environment.
* Analyzed Average CPU usage, Response time, TPS and also analyzed Web Page Breakdown graphs to pin-point response time problems.
* Performed Base Line test for comparison with actual Load Test.
* Identified defects, assess root cause, and prepared detailed information for developers and business stakeholders
* Responsible for making defect status report and project status report every week.
* Identified performance bottlenecks and the Web, Middleware and databases, by configuring Site scope monitor on servers, and using detailed analysis.
* Conduct performance testing and coordinate monitoring as joined activity – DBA and application developers monitoring the server health.
* Analyze test results and prepare detailed Performance Test Reports including the recommendations.

**Environment:** **Load Runner, Site Scope, Quality Center, Java, .Net, Web logic, Web Services, XML Oracle, SQL.**

**Role: Performance Tester**

**Client: Fidelity Investments, NH**

**Duration: Feb 2007 - Feb 2008**

**Responsibilities:**

* Involved in Performance Testing – Load testing, stress testing and soak testing of the application using LoadRunner.
* Involved in preparation of capacity plan and performance strategy docs.
* Ensure that quality issues are appropriately identified, analyzed, documented, tracked and resolved in Test Director.
* Developed and deployed test automation scripts to do end to end performance testing using Load Runner.
* Implemented and maintained an effective automated test environment and the QA Lab.
* Worked in shared environment tested different application
* Developed Load Runner test scripts according to test specifications/ requirements.
* Identify and eliminate performance bottlenecks during the development lifecycle.
* Accurately produce regular project status reports to senior management to ensure on-time project launch.
* Verify that new or upgraded applications meet specified performance requirements.
* Used to identify the queries which taking too long and optimize those queries to improve performance
* Work closely with software developers and take an active role in ensuring that the software components meet the highest quality standards.
* Independently develop LoadRunner test scripts according to test specifications/requirements.
* Introduced agile methodology for the performance testing cycles.
* Independently develop LoadRunner test scripts Involved in reviewing the Business Requirement document and design documents.
* Analyzed the requirement and design documents.
* Involved in preparing the status reports and defect status reports.

**Environment: LoadRunner, Windows Server, Apache, IIS, BEA Weblogic, Servlets ,EJB , Solaris, Oracle Database**

***Education:***

**Engineering in Electrical and Electronics Engineering, JNTU**

**Masters in Computer Sciences, New Haven, CT.**