**Professional Summary:**

1. Over **4** years of experience as a Performance Test Engineer with great experience into **Performance Testing** **Process** during **Performance Testing** Life Cycle (**PTLC**).
2. Good Knowledge on all **Performance Testing** activities including Non-Functional Requirements (NFR) gathering, Test Planning, designing scripts and creating test data, executing load tests and reporting observations.
3. Experience with **performance testing** Scripts preparation using LoadRunner.
4. Involved in different types of performance tests execution like Load test, Stress test, Endurance or Soak test, and Scalability test.
5. Expertise in **Performance Testing** Tools like **LoadRunner, Storm Runner Load, Performance Center and JMeter.**
6. Worked with clients and stakeholders to freeze the NFR’s.
7. Analyze throughput graphs, Hits Per Second graphs, transactions per second graphs using Load Runner Analysis tool
8. Identify the work Load and created Work-Load-Modelling (WLM) sheet to calculate Pacing for all Performance-Critical Transactions.
9. Customize / Enhanced the recorded scripts with following
10. Parameterization.
11. Correlation
12. Error Handling
13. Adding Transactions
14. Text Checkpoints
15. Rendezvous Points
16. Analyzed the results using **LoadRunner** Analyzer and other monitoring tools.
17. Extensive experience in Web (HTTP/HTML) protocol along with Webservice, Ajax and True Client.
18. Used Ramp Up/Ramp Down, Rendezvous point, Parameterization, Manual Correlation using right boundary and Left boundary, Automatic Correlation and Regular Expression with Correlation features of Load Runner.
19. Have experience creating Performance Test Scenarios using Controller.
20. Designed Test Scenarios in Basic Schedule Mode and Real-world Schedule Mode using Controller
21. Execute Load Runner scripts using HP Performance center by defining Ramp-up and Ramp-down of virtual users to generate the results of as the real-time scenario.
22. Create **LoadRunner** scenarios and scheduled the virtual Users to generate realistic load on the server using **LoadRunner.**
23. Reviewed and analyzed performance test analysis reports using various metrics (%disk, CPU Utilization, Throughput, % Page breakdowns, Response Times, Network Monitors, Web Server Monitor Counters, System Performance Counters and Database Performance Counters.
24. Have excellent interpersonal, communication skills and a team player.
25. Profiling of the application by using Dynatrace and running performance tests using **LoadRunner.**

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| --- | --- |
| Operating systems: | Microsoft Windows Server 2008-16, UNIX, Linux, Mac OS X |
| Programming Languages: |  C, C++, Java, Python, JavaScript |
| RDBMS: | SQL Server, Oracle, MS Access, MySQL |
| Test Suite: | LoadRunner, Performance Center, Quick Test Pro/UFT, Selenium, Quality Center/ALM, JIRRA, Monitoring tools, Site Scope, Apache JMeter |
| LoadRunner Protocols: | Web (HTTP/HTML), Webservice, Ajax, True Client. |
| Application Tools: | MS Office Suite, MS SharePoint, Visual Studio, Office 365 |

**Performance Test Engineer,**

**NYS Office of Information Technology May 2017 – Present**

**Responsibilities:**

* 1. Participated in all the phases of **PTLC** starting from **NFR** Gathering, Test Script, Execution, and Analysis.
  2. Gathered and Analyzed NFR requirements and procedures.
  3. Planned the load by analyzing WLM Sheet.
  4. Responsible for developing the performance test strategies, plans, and cases.
  5. Created performance testing scripts in **LoadRunner** VuGen using Web (HTTP/HTML).
  6. Executed Load test, Stress Test and Endurance Test.
  7. Executed performance test on the existing hardware to confirm the scalability of the application.
  8. Enhanced the script using correlation, parameterization, checkpoints, and rendezvous point.
  9. Extensively used **LoadRunner** to conduct performance testing of the application. Prepared and executed Performance test as follows:
  10. Created script - Using Virtual User Generator(VUGEN).
  11. Created Scenario, Monitor Profile and Schedule and Run Load test
  12. Analyze Test result and report creation - Using Analyzer
  13. Developed **LoadRunner** VuGen Scripts using Correlation to parameterize dynamic values.
  14. Used Rendezvous points, Load balancing and IP spoofing to load test specific transactions.
  15. Analyzed various graphs generated by **LoadRunner** Analyzer including Database Monitors, Network Monitor graphs, User Graphs Error Graphs, Transaction graphs and Web Server Resource Graphs.

**Environment**:

UNIX, Web HTTP / HTML, Load Runner 12.5, Oracle, Java, Java script, XML

**Performance Test Engineer,**

**TeleTracking Technologies Inc, Pittsburgh, PA Feb 2014 –April 2017**

**Responsibilities:**

* Created Performance test plan based on the client requirements and inputs.
* Involved in POC, **NFR** and Work load model designing.
* Analyzed various Load conditions and Transaction Profile documents to evaluate the peak load conditions.
* Extensively worked in Web, Web Services in Load Runner.
* Prepared Load Test Reports by analyzing the results from Load Runner analysis
* Developed & executed LoadRunner Test scripts and Scenarios.
* LoadRunner scripting (HTML & HTTPS) using transaction response time measurements to establish performance benchmarks of clusters of Oracle servers
* Identified and pinpoint Performance Tuning issues that impacted the various servers, SSL & load balancer.
* Conducted load, performance testing and monitors to identify bottlenecks using **LoadRunner**.
* Developed **LoadRunner** scripts that randomized test data and parsed responses for session ID information to dynamically update Vuser scripts while running load tests.
* Installed and configured **LoadRunner** Monitors on UNIX environment.
* Configured different Run Time Settings in Controller for various scripts.
* Managed performance Test environment by installing **LoadRunner** agents to manage load tests on the host machines.
* Monitored server resources for different scenarios and end-user response time for various transactions.
* Used **LoadRunner** Analysis to check the performance using various graphs and reports.

**Environment:**

LoadRunner, JavaScript, SQL, JAVA, IIS, XML, Oracle.

**Performance Tester,**

**Network Solutions, Herndon, VA. July 2013 – Jan 2014**

**Responsibilities:**

* Responsible for developing LoadRunner Scripts in VuGen and LoadRunner Test Execution in the LoadRunner Controller.
* Developed the scripts using Web (HTTP/HTML) and Ajax True-client protocol based on the Critical Transactions Used by the Real Time users using VuGen.
* Responsible for creating the work load model along with various run time settings.
* Performed Correlation and Parameterization and Scenario creation for all Load Tests.
* Monitored the Web Server, Database Server, and Application Server.
* Performed Analysis of the Results and reported Latency Issues to the Developers.
* Created Test Scenario in Controller and executed them.
* Created Performance test results and provided my recommendations.

**Environment:**

Loadrunner11.0, Performance Center 11.0, Quality Center/ALM, Unix, Windows Server-08, JAVA, WebLogic, Oracle 10g, DB2, XML, SQL Server, MS Access, MS Vision, MS Project, HTML.

**Education:**

**Bachelor of Computer Sc & IT (B.Sc. in CSIT)**

**Southern University**