**SuProfessional Summary**

* Around 6 years of expertise in software testing which includes functional (manual) and Performance testing against web-based applications, web service interfaces, and back-end server components.
* Strong background in performance/load testing for web, client-server, and n-tier configurations.
* Experience working on multiple load testing tools like Load Runner, JMeter, Blaze meter, and Neo Load.
* Skillful in Identifying production metrics & historical data critical to performance/load testing efforts.
* Played a major role in analyzing performance testing results along with providing performance-enhancing recommendations to application teams.
* Experience testing various protocols including Web (HTTP/HTML), Web - Click & Script, Web services, Windows socket, Java, and MQ series server.
* Expertise in performance testing for data center migrations and upgrades.
* Interface with developers, project managers, and management in the development, execution, and reporting of performance test results.
* Expert in the different types of testing that include Shakeout and Smoke testing, Endurance testing, Load testing, benchmark testing, and Stress testing.
* Performing load and performance tests against web-based applications, (SOA) Web Service interfaces UNIX/LINUX and Database.
* Building and presenting a performance trend graph for the application by determining its behavior at various user loads.
* Analyzing the application behavior for performance constraints by conducting different types of load tests.
* Assisted team lead in Python programming to write some automation on Test scenarios.
* Programming or scripting language skills such as Ruby on Rail, and Python.
* Monitoring Database and Application server, generating reports for their performance during load tests.
* Good experience working in the agile development environment. Experience in developing Performance Test Plans and test cases.
* Proficient in designing and executing web load tests using tools like JMeter and LoadRunner to simulate heavy loads and analyze system performance under stress conditions.
* Possesses detailed working knowledge of Load Runner components, including VuGen, Controller, Load Generators, Agents, and Analysis and Monitoring tools.
* Skilled in using LoadRunner for performance testing, including script development with VuGen, test execution with Controller, and result analysis with Analysis tools. Proficient in identifying performance bottlenecks and providing recommendations for optimization.
* Has detailed experience analyzing Load Runner test results and articulating these into an accurate report for business, development, and management teams as well as operations stakeholders.
* Proficient in articulating modern web application architectural components, including application server containers, session management, authentication, and authorization techniques, load-balancing devices, and proxies.

**Technical Expertise:**

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| --- | --- |
| **Operating System** | Windows, Sun Solaris, UNIX, LINUX. |
| **Hardware** | IBM PC/AT compatibles, Sun Solaris Workstations. |
| **Languages** | C, C++, C#, COBOL, Java, COBOL, ASP.net, Golang. |
| **Web Technologies** | SERVLET, JDBC, EJB, JSP, HTML, XML. |
| **Middleware** | COM, DCOM, web methods, Data power, and MQ Series. |
| **Scripting** | UNIX, VB script, Java Script, Python. |
| **Web servers** | Web logic 5.1, J2EE, Java Web Server, IBM Web Sphere. |
| **RDBMS** | Oracle11i, PL/SQL, MS Access, SQL Server7.0, MS SQL, and DB2 |
| **GUI / Front-end** | Visual Basic 5.0/6.0, Power Builder5.0, Developer 2000(Forms 4.0, Reports 2.5) |
| **Testing Tools** | Load Runner, Performance Center, Web load, Blaze meter, Dynatrace  JMeter, QTP, Quality Center 11.0, ITKO/CA LISA**,** App Dynamics |
| **Documentation** | MS-WORD, MS-EXCEL, MS-Office, and VISIO-5. |

**Professional Experience:**

**Client: SunTrust September’23 – Till date**

**Performance Tester**

SunTrust is currently maintaining multiple “customer information” systems. The Customer Relationship Facility (CRF) serves as the primary system of record for all retail and some commercial customer information today. The Customer Information System (CIS) is being positioned as the strategic repository for all enterprise customer information, however, the current focus of this project will only address customer information that CRF currently supports. This approach was focused on validating and verifying the correctness, auditability, and reliability of the overall legacy online Solution and its capability to process the existing online legacy transactions according to defined requirements and Specifications.

**Responsibilities**

* Determine non-functional requirements and performance testing objectives and strategy by collaborating with key business and IT users as well as project stakeholders.
* comprehend usage models from relevant stakeholders and examine current production load trends.
* Developed and enhanced Web (HTTP-HTML) and Web Services scripts with HP LoadRunner.
* Executed load/stress testing with HP Performance Center/Load Runner and communicated with project team members, including developers, architects, and managers.
* Developed and executed baseline, stress, soak, and volume tests.
* Used Performance Center to analyze application results and identify bottlenecks.
* Monitoring application resource utilization with tools like Introscope.
* Ensured compatibility of application platform components, configurations, and upgrade levels in production, leveraging Dynatrace monitoring data to validate system performance and reliability.
* Ensure compatibility of application platform components, configurations, and upgrade levels in production, and optimize lab environment to match production.
* Submitted a summary report on high-level test results to the team.
* Coordinate with offshore team members to provide status updates on testing activities to the Project Management Team.
* Identify the application's key performance bottlenecks and perform an end-to-end root cause analysis to determine the root cause.  provide clients/stakeholders reports of analysis that include performance improvement/enhancements.
* Utilized LoadRunner's Analysis tools in conjunction with Dynatrace data to conduct in-depth analysis of performance test results, providing actionable recommendations for performance optimization.

**Environment:** Java, J2EE, Web Logic, Oracle, SQL, Linux, Python, F5 Load Balancer, MQSeries.

**Testing Tools:** LoadRunner, Blaze Meter, ALM Performance Center**,** Dynatrace.

**Client: Publix Inc Mar’22 – August’23**

**PSCM (Supply chain management)**

**Performance Tester**

The integration of the supplier, vendor's distribution, and customer logistics Requirements into one cohesive process includes demand planning, forecasting materials requisition, order processing inventory allocation, order fulfillment transportation services, receiving invoicing, and payment. Also, the management and control of all materials, funds, and related information in the logistics process from the acquisition of raw materials to the delivery of finished products to the end user.

**Responsibilities:**

* Integrated LoadRunner and JMeter into performance testing workflows to simulate realistic web load scenarios and assess system performance under varying levels of user traffic.
* Scripts creation for Identified business functionalities and enhancing them by using parameterization and correlation in JMeter & Load Runner.
* Designing and Executing Performance Test scenarios using JMeter and HP LR Controller.
* Monitoring various performance parameters during the test across all the tiers (Web/App/DB servers) and application-specific parameters.
* Implemented advanced monitoring solutions such as Dynatrace to capture end-to-end performance metrics across all tiers of the supply chain management system, enabling comprehensive performance analysis and optimization.
* Analyzing the results and preparation of reports for various tests conducted and circulating them to the concerned stakeholders.
* Conducted root cause analysis of performance issues identified during testing, utilizing Dynatrace data to pinpoint underlying infrastructure or application bottlenecks and provide actionable recommendations for optimization.
* Responsible for handling client communication throughout the test cycle.
* Attending Daily Standup calls and external/Client Review calls and updating them on performance test status and dependencies if any.
* Sending daily and weekly status reports as per build line.
* Preparing Performance Test Plan, Performance Test strategy, and Performance Test log.
* Guiding the team in terms of identification of user journeys and developing scripts.
* Providing detailed test execution reports to the stakeholders for every performance test cycle.

**Environment:** Java, J2EE, oracle, Iplanet, tomcat, Linux, XML, Rest Services, UNIX, DB2, SQL, SOAP UI, Quality Center, Vugen, Web services, WSDL, EJB, HP Service Test, QTP, VMware, WPS, WMB, IBM Web Sphere, Web sphere application server (WAS), Nmon, AIX

**Testing Tools:** Load Runner, JMeter & dyntrace.

**Client: WebMD Jun’18 – Nov’21**

**Health Record Portal**

**Software Test Engineer**

Health information services to consumers, physicians, healthcare professionals, employers, and health plan operators its services through its public and private online portals and health-focused publications

**Responsibilities:**

* Involved in preparing High-Level Test plans based on user requirement documents.
* Involved in developing Integration Test Plans, System Test Plans, and Performance Test Plans.
* Responsibilities include acceptance testing, functional testing, and Integration testing.
* Participated in peer review with team and developers to review test cases/test scripts.
* Sent test cases and test scenarios for verifications, modifications, and approval to business analysts.
* Participated in regular project status meetings related to testing.
* Implemented open-source web test tool Selenium Web Driver for cross-browser and cross-platform web testing.
* Used Quality Center/ALM for bug tracking and reporting, also followed up with the development team to verify bug fixes, and update bug status.
* Creating and implementing automated test suites and test cases using Python and Selenium tools according to the product requirements.
* Used Selenium Web Driver to test search results of the Meta search engine.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from the Oracle database.
* Prepared user documentation with screenshots for UAT (User Acceptance Testing).
* Participated in daily, and weekly meetings and technical reviews. Prepared reports showing the testing efforts.

**Environment:** Windows 2000 NT, UNIX, Oracle 8.x, DB2, VB 6.0, SQL, PL/SQL, Crystal Reports 8.0, SOAP UI, Web services, WSDL, App Dynamics, QTP, Performance Center, Windows Scripting.

**Testing Tools:** Load Runner