S Mahesh

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CAREER OBJECTIVE:

- To achieve a professionally satisfying career and growth with an organization that offers me a positive atmosphere to learn new technologies and utilize my knowledge & skills to contribute towards the growth of the organization.

SUMMARY:

- Around **4.2** years of experience in Performance Testing using **LoadRunner** and **JMeter.**

SKILL DETAILS:

- Good Experience in scripting using Load Runner VuGen to simulate the real users behaviour.
- Expertise in Performance Testing using **Web(Http/Html)**, **Web services (SOAP/REST APIs)** and **SAP GUI**.
- Well exposure on Performance Testing Life Cycle.
- Good Experience on all Performance testing project activities such as Non Functional requirement gathering, planning, designing scripts and creating test data.
- Expertise in enhancing the Load Runner scripts using Correlation, Parameterization and Verification.
- Experience in various Testing engagements for Health, Banking, E-Commerce and Insurance domains and has experience to all phases of Performance life cycle end to end.
- Generated test scripts and scenario as per the business specifications.
- Having Experience in designing the different load scenarios using Controller and ALM Performance Center.
- Experience in web debugging tool like Fiddler, Har file.
- Good experience with Site Scope to perform Monitor Hardware Level Statistics.
- Hands on experience using APM tools like SiteScope, Perfmon, Appdynamics, Dynatrace.
- Generate the detailed performance test report which includes server side performance metrics CPU, Memory, Network and etc.
- Involved in Analysing the test Results and prepare the Test Reports.

- Analysed throughput graphs, hits/second graphs and transactions per second graphs etc.
- Demonstrated ability to succeed and learn quickly in challenging environment.
- Having good knowledge on handling different timers like Constant Timer, Uniform Random Timer and Synchronizing Timer.
- Designing the Scenarios using different thread group like Ultimate Thread group, Arrivals Thread group and Concurrency Thread group.
- Designing the Scenarios like Load Test, Stress Test, Spike Test and Endurance Tests and pushing into Controller by configuring Run Time Settings.
- Extensive experience on execution of Scenarios by using Controller, ALM Performance Center and Blaze meter.
- Ability to drill down on results and observe potential performance Bottlenecks.
- Prepared daily/weekly status reports to provide updates on the assigned work.

TECHNICAL COMPETENCIES:

Performance Testing Tools	Load Runner, Performance Center and JMeter.
Performance Monitoring Tools	SiteScope, Perfmon, Appdynamics, Dynatrace
Programming Languages	C, Java.
Web Support Languages	HTML, CSS, Java Script
Tools & Utilities	SOAP UI, Putty and WINSCP, FIDDLER
Defect Tracking Tools	ALM
DataBases	SQL, Oracle 11g.
Web and Application Server	Apache Tomcat
Test Management Tools	JIRA

PROFESSIONAL EXPERIENCE:

- Working as a Performance Testing Engineer with **Servbiz solutions and Services private limited** Since January -2018 to till date.

ACADEMIC PORTFOLIO:

- Graduation from **Jawaharlal Nehru Technological University** in 2015.

PROJECTS SUMMARY:

Project # 1

Project Name   : Optum RX
Client   : Optum
Domain   : Healthcare
Role   : Performance Tester
Protocol   : HTTP/HTML
Performance Tool   : Load Runner, Dynatrace, Performance Center

Description:

Optum RX is nothing but Patient Assessment Form. In this we will maintain patient medical history and recurring medication claim details etc.., we have different types of RX like ACA, Medicaid, HQ RX, Medicare, we can exclude and include PAF for all the patients.

Roles and Responsibilities:

- Understanding the performance test requirements and test scenarios.
- Prepared test plans for multiple applications.
- Recording scripts in Load runner with HTTP/HTML protocol and debugging them for execution of tests.
- Validated the correct page navigations by implementing the unique text checks and page validations.
- Performance testing of the applications by generating test scenarios, and executing them through HP ALM performance center.
- Test data preparation.
- Running multiple tests like load, stress, endurance, and Spike.
- Identify performance bottlenecks at each tier, provide recommendations and raise defects to track it till closure.
- Participating in weekly and daily based status call with clients.
- Responsible for all PT deliverables like Test Strategy, Detailed Test Plan, Daily summary reports and Test summary reports.

Project # 2

Project Name   : Banking Information System

Client   : Far Eastern Bank
Domain   : Banking
Role   : Performance Tester
Protocol   : HTTP/HTML
Performance Tool   : Load Runner, Dynatrace, Performance Center

Description:

Far Eastern bank is a Singapore based Financial Services Group with a very large International presence in Asian countries. It is engaged primarily in Retail banking, investment banking and investment management. Customers are served through a variety of channels comprising the branch network, cash machines, telephone banking, online banking and relationship managers. It is mainly managed through two business areas retail banking and business banking. It serves affluent high net worth personal and corporate clients providing private banking, offshore banking Stock Broking, financial planning and asset management services.

Roles and Responsibilities:

- Analyze the Performance Test scenarios.
- Involving in creating the NFR using Splunk
- Preparing the Workflow document, Test plan.
- Record the script using Vugen tool by using Web (HTTP/HTML) protocol.
- Involved in Test Strategy Document.
- Prepared the Test Scenarios, Test Plans and Test Scripts.
- Creating\Maintaining the automation scripts using VuGen.
- Customize the scripts using Parameterization and correlation, error handling and check points.
- Involved in script customization with all the standards like insertion of check points for all the pages in the business flow and followed scripting guidelines as stated by the client.
- Involved in Create and Run the Scenario using Controller.
- Application Side Metric Analysis done using Jmc.
- Monitor server level statistics using Site scope.
- Interact directly with Clients/development team to discuss the status/issues.
- Analyze the results and identify the bottlenecks.
- Provided reports to the client with sufficient observations and graphs about the performance under load.
- Sending Daily/Weekly/Monthly Performance Reports to Project managers.

Project # 3

Project Name   : PAS
Client   : United Health Group
Domain   : Insurance
Role   : Performance Tester
Protocol   : HTTP Request
Performance Tool   : JMeter

Description:

United Health Group (UHG) provides life insurance, disability and critical illness insurance, and voluntary employee benefits. Aim of the UHG is providing innovative protection-based financial solutions for every stage of life.This project is mainly used by the customers and the financial staff for maintaining the details of various personal information and different insurance policies, payment history, and billing cycle. It also allows searching policies depending upon various search criteria. With this the end users and customer care staff can make online payments and has an administration module which is used for creating users, groups and career. It also provides reports for down payment, online payment and new business.

Roles and Responsibilities:
- Gather and analyze the various non-functional requirements and Have a client interaction frequently to review the requirements
- Design the detailed performance test plan and have a review with client
- Generated the script using thread group in test plan as per business scenario and added HTTP Cache Manager, HTTP Cookie Manager for smooth running the script
- Executed the script with transaction controller to measure the response times and include response assertions for text verification
- Handle the dynamic correlated values with Regular Expression Extractor and parameterize using CSV Data Set Config.
- Configure the distributed load test using master and slaves to run the multiple test runs.

Project # 4

Client   : The Foschini Group
Domain   : E-Commerce
Role   : Performance Tester

Protocol   : HTTP Request, JDBC Request
Performance Tool   : JMeter**.**

Description:

The Foschini Group is a South African clothing retail company. It is an Ecommerce project. The Foschini Group is a leading managed things, it is a largest company in South Africa in this group all products will be available. It is easily shop in this products and it's in anonymous users also used to this products.

Roles and Responsibilities:

- Involved in designing the Performance Project Plan.
- Designed Load Test Scenarios and Workload.
- Involved in Generating and Customizing the scripts using JMeter using http traffic.
- Performed the major job on correlation using regular expressions and parameterization using CSV data file.
- In page verification using Assertions.
- Configure the timers to simulate the script like real users behavior.
- Include the different types of listeners to collect and analyze the performance behavior.
- Include different logic controllers to run the different load models to meet the expected transactions rate.
- Prepare the reports with client requirements.

DECLARATION

I hereby declare that all the above information given is true and correct to the best of my knowledge and belief.

Mahesh