

G.SAINATH
Performance Test Analyst

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CAREER OBJECTIVE:

To professionally associate myself with esteemed organization where there is an opportunity to contribute and update my knowledge in the field of software development and strive hard for organization and personnel growth.

PROFESSIONAL EXPERIENCE:

3 years of IT experience in the area of Performance Testing (Load Runner and JMeter). Possess sound understanding and skill set in both areas. Strong communication, collaboration & team building skills with proficiency at grasping new technical concepts & utilize the same in a productive manner.

PROFESSIONAL SUMMARY :

- ❖ Experience in different protocols like Web (HTTP/HTML) and Web services.
- ❖ Knowledge on AJAX TruClient protocol.
- ❖ Involved in preparing of POC, gathering Non-functional Requirements, Test Data Creation, and designing the Workload Model for the test.
- ❖ Experienced in creating performance scripts and customizing them to fit authorized business circumstances.
- ❖ Experienced in enhancing the scripts using Correlation, Parameterization and Verification Points.
- ❖ Designing the Scenarios like Load Test, Stress Test, and Endurance Tests and pushing into Controller by configuring the Run Time Settings.
- ❖ Good knowledge in analyzing the resource utilization like CPU, Memory and Disk with the help of monitoring tools like Perfmon, NMON.
- ❖ Knowledge on Dynatrace and JvisualVM performance tool to screen the application side statistics.
- ❖ Knowledge on finding Performance bottlenecks at different levels and providing the recommendations as part of the Performance Test Report.
- ❖ Very good knowledge on monitoring the JMeter Non-GUI execution with help of Grafana and Influx DB.
- ❖ Having good knowledge on using advanced tools like Fiddler and Google Lighthouse.
- ❖ Ability to grasp and apply new concepts quickly and stay updated with latest trends and technical advancements.
- ❖ Good Team Player and possesses a strong attitude to learning latest technologies.

WORK EXPERIENCE:

- ❖ Working as a Performance Test Analyst with **Accenture Services Pvt. Ltd** from June 2019.

EDUCATIONAL QUALIFICATION:

- ❖ Bachelor of Technology - Jawaharlal Nehru Technology University, Hyderabad -2019.

TECHNOLOGY:

Skills	Tools
Operating system	WINDOWS FAMILY
Tools Used	LoadRunner, JMeter, Perfmon, NMON, Performance Center.
Protocols	Web (Http/Html), Web Services, AJAX TruClient.

ASSIGNMENTS:

Project#1	Medical Record Management System
Client	The Wellington Hospital (U.K)
Protocol	Web(HTTP/HTML)
Tools	JMeter
Responsibilities	<ul style="list-style-type: none">Involved in walk through the Non-Functional Requirement SpecificationsInvolved in designing the Performance Project PlanGather the requirements from the client.Involved in all major enhancements like correlation, parameterization.Design the test scripts for all the scenarios are in scopeInvolved in script customization with all the standardsCompile and debug the test results with the given project SLA'sGenerate the detailed performance test report with all the metrics
Description	Performance testing of software for hospital maintenance system is carried out. It consists of Administration, Patient Information, Enquiry, Billing, and Blood bank, Pharmacy, ICU and Security, Inventory Modules. Administration module maintains database backup and password security. Patient information module maintains all details about every patient starting from admission to discharge. To check the sustainability of the webpage at their on/off peak load we are doing performance testing for the application by considering various factors by doing stress test, load, endurance testing and so on depending on the requirement of the project with necessary parameterization and correlation for the script created.

Project#2	OWI (Open World Insurance)
Client	Open World Knowledge Planning Solutions Ltd, Europe
Protocol	Web Services
Tools	Load Runner
Responsibilities	<ul style="list-style-type: none"> Involved in Preparation of test scenarios based upon the requirements. Analyze the performance objectives. Review and analyze the performance inputs given by the client. Identify the performance test scenarios. Generating and enhancing the virtual user business script. Design the multiuser performance modeling. Execute the multi user scenario in load runner. Involve in graph analysis based on the given objectives. Preparation of the response times and graph report. Involved in Load Testing.
Description	<p>The goal of this project is to help insurance applicant to track his insurances. This is basically a centralized and global application which will help the applicant to login and see the insurances for which has applied or purchased. This will reduce the effort for tracking individual insurance, just by one click he may get the access to all the insurance policies to which he has applied. The client required a platform where it's customers, advisors and admin team could work on to achieve its business plans smoothly and efficiently.</p>

Project#3	Veterans program
Client	Veterans program
Protocol	Web(HTTP/HTML)
Tools	Load Runner
Responsibilities:	<ul style="list-style-type: none"> Involved in requirements gathering and preparing test plan Analyzed the Non-Functional requirements Designed and prepared the Test Cases and executing the Test Cases Developed the automated test scripts using VuGen Maintained, Enhanced and Executed the automated test scripts using Controller Preparation of Stress, Load, and Soak test reports using Analysis tool Deriving Performance test scenarios, workload mix and metrics Prepared load Test analysis reports (%disk, CPU Utilization, Throughput, %page breakdowns, Hits per seconds, Response Times, Web Server Monitor Counters, System Performance Counters and Database Performance Counters) Analysis of performance test reports. Correlate results summary for multiple tests runs and prepare Result Summary document.

Description	<p>Veterans program was created to provide a platform for veterans looking for information about benefits, pension programs, and compensation-related data for veterans who are service-connected with disabilities, and those veterans seeking compensation for injuries sustained during their time in uniform. Over the years, Veterans program has expanded into other areas to broaden the scope of services to veterans and their family members. It is their intention that veterans and their family members continue to benefit from the sources on Veterans program, and continue providing suggestions to us for improvement. Generate the detailed performance test report with all the metric.</p>
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