N SAI PRUDHVI REDDY

Performance Test Engineer

Seeking a job as a Performance Tester in an IT company where I can use my Performance Testing experience using Load Runner and JMeter,monitoring & Analysis.I wish to contribute towardsorganizational goals throughmy technical skills,hard work, and creativity.

Contact

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Hyderabad

Education

B.Tech in Computer Science
Lovely Professional University
2016 - 2020

Expertise

- Load Runner
- JMeter
- Dynatrace

Languages

- English
- Hindi
- Telugu

PROFESSIONAL SUMMARY

- Having 3.7 years of experience in performance testing using LoadRunner and JMeter.
- Good experience in scripting using LoadRunner Vugen to simulate the real-worldbehaviour.
- Expertise in Performance testingusing web http/html, Webservices, true-client, SAP GUI protocols.
- Well exposure onPTLC.
- Expertise in handling the LoadRunner scripts using different parameters like correlation, parameterization, verifications.
- Having experience in designing the different scenarios in controller and as well as JMeter.
- Involved in different types of testing like Load, Stress, Endurance tests etc.
- Experience in debugging tools like Fiddler, F12, Blaze meter and Badboy.
- Hands on experience in using APM tools like Dynatrace, AppDynamics, Grafana, Jvisualvm, Site scope, Perfmon
- Generate the detailed performance test reports which includes server-side performance Metrix like CPU, Memory, Network etc.
- Involved in analysing andprepare the test results.
- Analyse the RT graphs, Throughput, Average response times, Hits/sec graphs.
- Demonstrated ability to succeed and learn quickly in challenging environment.
- Prepared weekly and daily reports toupdates on the assigned work.

PROFESSIONAL EXPERIENCE

- Working with Tecsolvent Software Technologies as Performance Test Engineer from January 2020 to till date

TECHNICAL SKILLS

- **Non-Functional Tools** : LoadRunner & Apache JMeter
- **Monitoring Tools (APM)** : Perfmon, AppDynamic,&Dynatrace, Site scope
- **API Testing Tools** : SoapUI,Postman
- **Other Tools** : Putty,WinSCP, SQL
- **Languages** : C, Java
- **Operating System** : Window, UNIX, LINUX
- **Database** : Oracle,MySQL, Influx DB
- **Methodologies** : Agile,Scrum & Badboy
- **Recording Tools** : Fiddler, Blaze meter, & Badboy

PROJECT DETAILS

PROJECT 1

- **Project** : Medical ReportSystem
- **Domain** : Health Care
- **Role** : Team Member
- **Performance Tool** : LoadRunner

Description

Medical Report System is web enabled automation, developed primarily for the processing and tracking of requests for Medical Reports by the patients or other agencies like insurance companies, ministry etc. and the associated functionality like billing, payment, and management reports. It consists of the following modules like Maintenance, Request Processing, Billing and Payments, Reports, Utilities.

Roles & Responsibilities

- Involved in understanding the whole application, defining Performance requirements, Understand the Application functionality and architecture details.
- Gather the Nonfunctional requirements from Production logs
- Prepared Test plan documents and work load document.
- Recorded business Flow with WEB (HTTP/HTML) protocol using VuGen and Enhance the script for multiple users by using Parameterization and Correlation.
- Validated the correct Page Navigation by implementing the unique text checks.
- Weekly Participated in Reviews and meetings with client facingto Update the Project status.
- Creating test schedule as per the approved work load and conduct sanity test check with minimalload.
- Designed the scenario for BaselineTest, Load Test, Stress Test, Endurance Test in Controller by applying Vuserload.
- Created and ExecutedScenario's with multiple monitors and generated analysis reports to Identify Performance Bottlenecks using Load Runner.
- Monitoring the CPU, Memory and Disk utilization duringthe test execution .
- Involved in Monitored the Application level like particular server level, Component level using Dynatrace to identify the root cause analysis.
- Preparing Summary Reports.
- Measure, report, and recommend Performance ResponseTime Guidelines/SLAs.

PROJECT 2

- **Project** : Online grocery shopping service
- **Client** : Tesco
- **Domain** : E Commerce
- **Role** : Team Member
- **Performance Tool** : Load Runner

Description

Tesco is the world's third largest retailer. Tesco launched its online grocery shopping service for customers in Czech Republic, Poland, Hungary, Slovakia in Eastern Europe, and Turkey. The new service offers over 20,000 lines of fresh and frozen food and groceries, as well as non-food items such as toys, stationery, and accessories. The launch follows a successful trial with customers and staff in November and is part of Tesco group strategy to be an outstanding international retailer in-store and online. The Dotcom team from Tesco HSC was instrumental in evolving the architecture and implementing a new platform to enable launch of IGHS in multiple countries.

Roles & Responsibilities

- Involved in NFR requirement gathering and preparation of Test Plan.
- Responsible for developing Performance Testing strategy based on business specification
- requirements and user requirements.
- Gathering of peak hour historical data based on client requirement using log analysis tools for Analysing Production logs.
- Perform Performance testing of applications by generating scripts using Load Runner Web Http/Html protocol.
- Enhancements and debugging scripts using VuGen and performed Parameterization and Correlation to meet requirements.
- Enhanced scripts by adding checkpoints, transactions, and rendezvous points.
- Involved Multi-User Business Scenarios Execution by using Controller and Performance Centre.
- Creating performance test scripts (Scenarios) & executing various types of tests like Stress, Load and execution of high-end result delivery.
- Involved in monitoring using tools usage like Site Scope.

PROJECT 3

- **Project**   : Honeywell
- **Domain**   : E commerce
- **Role**   : Team Member
- **Performance Tool : ApacheJMeter & Web HTTP/HTML**

Description

Honeywell is a well-diversified company. It operates in the aerospace, automation and controls, materials and chemicals, and transportation sectors. This diversity helps Honeywell to achieve outstanding performance. Honeywell is a well-diversified company. It operates in the aerospace, automation and controls, materials and chemicals, and transportation sectors. This diversity helps Honeywell to achieve outstanding performance COMMERCIAL LINES OF BUSINESS: Deals with the creation of Quotes for different lines of businesslike retail Services, Restaurant, Manufacturing, Institutional, Automobile, Boiler and Machinery, Commercial Property, Crime, General Liability, Inland Marine, and Workers' compensation.

Roles & Responsibilities

- Preparing Test Plan by Considering the Specifications as per required.
- Identified Critical Business Scenarios as per the client'srequirement.
- Prepared Workload Modeland designing Staffing.
- Designed Test Scriptsusing J-Meter.
- Scripting of scenarios using j Meter and performing scripting enhancements like Assertions, Config Element's, Samplers, Listeners
- Performing Scripting Enhancements using JAVA.
- Conducted Dry Run, Load tests,Stress Test, EnduranceTest.
- Involved in preparing test summary reportusing Grafana.

PROJECT 4

- **Client   : GORE**
- **Domain   : Retail**
- **Role   : Team Member**
- **Performance Tool: Jmeter**

Description

Application is deployedin 3 Clouds which are called as Sales Cloud, Service Cloud and CommerceCloud. Each cloud consist of different productswhich mainly classified into 3 categories PSD (Product Based), MPD (Medical Product Division) and FAB (Fabrics Product based). Sales Cloud deals with creating contacts and maintaining accounts. Service cloud deals with Customer service and creating cases as per each complaint raised by customer. Commerce cloud deals with products paymentand Billing.

Roles & Responsibilities

- Preparing Test Plan by considering the specifications as per required.
- Identified Critical Business Scenarios as per the client's requirement.
- Prepared Workload Model and designed Staffing.
- Designed Test scripts using JMeter.
- Scripting of scenarios using Jmeter and performing scripting enhancements like Assertions, Config Elements, Samplers, Listener.
- Conducted Dry run, load tests, Stress Test and Endurance Test.
- Identified performance bottle necks, assisted development team for resolving Performance issues.
- Involved in preparing test summary report using Grafana.