**Harinath**

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**PROFESSIONAL SUMMARY**

* **5 years** of experience in **Performance Testing/Engineering using HP Load Runner, HP Performance Centre, JMeter**
* Experience in NFR gathering, preparing test plans, developing workload models, defining test cases, developing and maintaining test scripts as per the business specifications
* Skilled in understanding software Requirement specification and identifying the required Test scenarios for projects.
* Experience on Load Runner tool with **Web (HTTP/HTML), Ajax TrueClient** and **Web Service Protocols.**
* Sound Knowledge in End to EndPerformance testing life cycle and **Agile** implementation process
* Strong experience in **CI/CD models**
* Good knowledge on performance tuning
* Have working experience in Jenkins
* Handling **web services using API testing for SOAP and REST operations**
* Good experience on script enhancements like Correlation and parameterization with multiple techniques
* Experience on **AZure** **and Amazon Web Services Cloud (infrastructure as a service)**
* Having good experience to take over of end to end performance testing projects.
* Good experience on designing scenarios in controller, performance center
* Experience in Performance Testing like Load, Stress, Endurance, and Spike Testing
* Having experience on monitoring tools like **VisualVM, AppDynamics & Dynatrace**
* Having good knowledge on **Client side monitor** and **Server side monitor**
* Good knowledge on analysis and able to **find out the bottlenecks**
* Knowledge on comprehensive test management tool like Quality Center and JIRA
* Requirements reviewing and discussing with the clients to understand the client expectations
* Good exposure to SDLC, STLC.
* Highly motivated, quick learner, team player with good technical and analytical skills

**TECHNICAL SKILLS**

 Operating Systems : Windows 2000/NT, Windows XP

Load testing Tool : HP Load runner, Performance Centre, JMeter, AWS Cloud

 Languages : C**,** C++,

Databases : Oracle/SQL Server

 Web technologies : HTML, XML

 Application server : web logic, IIS Servers

**ACADEMIC QULIFICATION**

B.Sc. (CS) from Sri Krishna Devaraya University in 2011.

**PROFESSIONAL EXPERIENCE:**

Working as a Performance Test Engineer for **EY,** from **April 2019** to till Date

Worked as a Sr Associate QA for **Sapient,** from **April 2018** to **Sep 2018**

Worked as a Performance Tester for **Ness Technologies,** from **Oct 2014** to **March 2018**

# PROJECTS DETAILS:

**Project :** Digi GST

### Client : EY

**Environment :** Oracle Server, Java, WebLogic

**Testing Tool** : LoadRunner, Performance center

**Description:**

Is your one stop solution for GST compliance. EY as ASP-GSP provides you with seamless connectivity to the GSTN system. At our ASP portal, you can upload data & download reports, view dashboards that provide details on tax positions across your GST registration and monitor compliances to ensure timely filling of GST returns.

**Roles & Responsibilities:**

* Discussion with the Business, development and Functional team to identify the Critical business scenarios.
* Requirement gathering for different product lines from the product owners.
* Creation of Workload scenarios, load test script & Performance test plan according to client requirement.
* Attending project meetings for requirement gathering.
* Creating weekly and monthly status reports.
* Setting up/installation of end to end performance testing environment of multiple servers.
* Analyzing and Understanding Performance Requirement Specification.
* Create the LR Scripts and make LR Scripts for Load test.
* Involved in the performance testing like load, stress testing using LoadRunner.
* Enhancing Vuser scripts Like Applying Transaction Points, Rendezvous Point, Parameterization and Correlating the Scripts and Checkpoints.
* Scheduling the Scenarios and Groups based on the Business Scenarios and Executing the Scenarios in PC.
* Monitoring the Client Side Metrics and Server side Metrics
* Execute the Scenarios and Capture the Results from Analysis.
* Generating the Performance report and forwarding the report to my onsite coordinator and Involved in Analyzing Test results.

**Project :** STS

### Client : European Data Warehouse

**Environment :** SQL Server, .Net, IIS Server

**Testing Tool** : LoadRunner, AWS Cloud EC2

**Description:**

The STS application will be a web based application, which in background will generate reports based on rules defined.

The input data will be updated by user, and the rules will be defined in the system.

Please refer Functional Requirement Document for details and any changes.

The web application should have the capability to associate different “roles” which are allowed carry out the below functions.

**Roles & Responsibilities:**

* Assessment to find out whether the application needs Performance Testing
* The Average CPU usage, Response time, TPS were analyzed for each scenario.
* Independently developed Load Runner Test Scripts according to test specifications/requirements.
* Developed baseline scenarios, scripts and measurements.
* Participated in daily Scrum meetings to update the status and report the Impediments in the Agile Environment.
* Executing scripts with different types of loads.
* Performance Testing – Smoke testing, Baseline testing, Load testing, stress testing and soak testing of the application by creating 300, 500, 1000, virtual users for load, stress and steady state test respectively.
* Responsible for setting up monitors to monitor network activities and bottlenecks.
* Monitored different graphs like transaction response time and analyzed server performance status, hits per second, throughput, windows resources and database server resources etc.
* Used **Dynatrace APM** for pure-path break down analysis of **API** calls to identify bottlenecks.
* Analyze and present Performance Test results in the understandable format
* Participate in weekly meetings with the IT management team and walked through daily activities.

**Project:**

Application : SNP Services

Client : Reliance Jio

Environment **:** Windows 2012/XP, IE, Mozilla, JAVA

Tools : JMeter, Amazon Web Services Infrastructure

**Project Description**

SnP (Software and Peripherals) OLR is a set of web services that provide product data related to 3rd party products These information(s) are used to sell S&P items - Electronics, accessories, peripherals, parts and software. It’s a Class 1 application this service basically provides product related data to 3rd party Products.IN every release - They will keep on adding customer set. On clicking any SNP product, this will give you the product details based on the Customer set or particular region

**Roles and Responsibilities:**

* Developed scripts for end to end Performance Testing using J-Meter.
* Good knowledge on the usage of Counters, CSV Data Set Config, HTTP Cookie Manager and other config elements.
* Excellent in capturing the dynamic values using Regular Expression Extractor.
* Knowledge in configuring the J-Meter remote clients for simulating the virtual user load.
* Good knowledge on page validation using Assertions. Good knowledge on Listeners, Samplers and Timers in J-Meter.
* Configuration of J-Meter server agent for collecting the server metrics.
* Experience on Performance testing tasks including Performance test plan preparations, Scripts development, test executions, monitoring servers, analysis and report preparations

**Project:**

Project : LAPS Logical All Payment Solution

Client : ANZ National Bank Limited

Environments : C, .Net, SQL

 Tools : HP Load runner, Performance center

**Description:**

This section describes mainly the logical floes of payment transaction managed by LHV. The technical details formats communication protocols and technical interface are covered in the separate section. LHV manages all NZ domestic payment flows of ANZNB. There flows cover all. NZD payments coming from exchange banks via ISL and/or SBI exchange banks. Validations, processing and distribution of on us and on team. Support of SBI rules, including settlement monitoring management of file. Distribution and exchange In-house transaction flows which represents processing of where both involved parties are costumer of ANZNB.

**Roles and Responsibilities**

* Identification of scenarios based on the performance requirements
* Designing the business scripts for the client specified scenarios
* Generated Performance scripts in VuGen which included Correlating and Parameterization of the required values
* Analyzed Test Results using Analysis from Load Runner and various metrics from APM tools.
* Configured and used AppDynamics Performance to monitor and analyze the performance of the server by generating various reports from CPU utilization, Memory Usage to load average etc.
* Analyzed Load and Stress test results of the application for maximum performance using Load Runner.
* Effectively communicated with onsite team and clients in daily and weekly status.
* Created comprehensive analysis and test results report.

**Project:**

Application and Client : Planters Development Bank

Environments **:** Java, Web logic, oracle, Windows XP

Tools : Loadrunner, QC

**Project Description**

The most fundamental requirements addressed herein, are designed to ensure that the PDB procures an Incoming Accountable Mail solution system that meets the following goals it offer insurance, retirement and savings products. They work directly with customers as well as offer their products through agents, third party distributors. The various products offered are Life Insurance, Accident & Health, Disability Income Insurance, Credit Insurance, and Auto & Home Insurance.

**Roles and Responsibilities:**

* Involved in Preparation of test scenarios based upon the requirements
* Analyze the performance objectives
* Involved in conducting Load tests and Stress tests against the application using Load Runner.
* 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
* Effectively communicated with onsite team and clients in daily and weekly status.
* Created comprehensive analysis and test results report.