

Mohd Akheem Pasha

Performance Test Engineer

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CAREER OBJECTIVE

To work in a progressive organization where I can enhance my skills and learn towards organization success. Maximize my skills and technical experience in a challenging environment that recognizes my skills and utilizes them for the benefit of the company.

Professional Summary

- Performance Test Engineer with **4.8 years of experience** in end-to-end **Performance Testing** using **LoadRunner** and **Apache JMeter**.
- Proficient in preparing, enhancing, and executing performance test scripts based on business and technical requirements.
- Skilled in **designing test scenarios** and **workload models** aligned with client requirements and **Non-Functional Requirements (NFRs)**.
- Strong knowledge of **Agile methodologies** and experience working in Agile-based environments.
- Hands-on experience with multiple protocols including **Web (HTTP/HTML)**, **Web Services**, **TruClient**, and **SAP GUI**.
- Expertise in **correlation**, **parameterization**, **assertions**, **debugging**, and **result analysis** to ensure script accuracy and robustness.
- Well-versed in various types of performance testing: **Load**, **Stress**, **Endurance**, **Spike**, **Scalability**, **Baseline**, and **Benchmark testing**.
- Experience in preparing test scripts and scenarios based on **Business Requirement Specifications (BRS)** and functional flows.
- Proficient in **client-side and server-side monitoring** to capture performance metrics and analyze bottlenecks.
- Skilled in configuring and analyzing JMeter **Listeners** to monitor metrics such as **hits/sec**, **throughput**, **response time**, and **Transactions Per Second (TPS)**.
- Good understanding of **performance engineering** concepts including **Garbage Collection tuning**, **Thread Dumps**, and **Heap Dump analysis**.
- Experienced with **profiling and monitoring tools** such as **AppDynamics**, **Dynatrace**, **Grafana**, and **JVisualVM**.
- Strong in identifying **performance bottlenecks**, conducting **root cause analysis (RCA)**, and working closely with development teams to optimize application performance

EDUCATION

Graduated from **Kakatiya University** From **Warangal** passed in 2014 with 65%.

Work Experience

- Worked as **Performance Test Engineer** in **AGNES SYSTEMS PVT LTD**, **Bangalore** From **Jan 2021** to **April 2025**.
- Working as **Performance Test Engineer** in **QualityKiosk Technologies PVT LTD**, **Mumbai** From **May 2025** to **Till Now**.

Project#1

Project Name : Mohawk OASIS Support
Client : Mohawk, US
Tools & Technologies : Load runner , PERFMON .
Protocol : Web(http/html), Web services(SOAP/REST)
Programming languages : C

Project's Description:

Client Description: Mohawk sells floor covering and textiles for every room in the home and for every commercial application. Hardwood flooring, laminate flooring, ceramic tile flooring, stone and marble flooring and, via an exclusive distribution agreement with Congoleum, vinyl sheet flooring are among the newest Mohawk product offerings. What's more, the company now offers woven bedspreads, tapestries, pillows, throws and window blinds. Mohawk products are found in major retailers across the country and the world.

Project Description: Mohawk is a leading flooring company based out of US. The company sells flooring products to its Customers. They maintain stores at various geographical locations in US. Orders are taken through these stores and the orders are then fulfilled either immediately or shipped to the Customer's address based on Customer's need basis. They use a Yantra based customized application for achieving this.

OASIS is a Yantra based desktop application and initial call will be made from executable file. Rest of the communication will be happen through http protocol. Mohawk has embarked the performance testing initiative for the OASIS application to check the scalability and stability of the system.

Responsibilities:

- Involved and Analyzed in getting **Non-Functional Requirements** by having an interaction with client.
- Prepared required documents for **test scenarios and test plan**.
- Perform Performance testing of the applications by generating scripts using LoadRunner web (HTTP/HTML) protocol.
- Expertise in **correlation, parameterization, page validation and error handling** and Good at **string and file operations**.
- Design and carried out the test with expected volumetric to meet performance goals and objectives.
- Simulate the real user behavior by inserting **think time** and **pace time**.
- Analyzed the scenario results with good interpretation by including various client side metrics like Load, Hits/sec, RT, Throughput, TPS rate with detail graphs.
- Analysed various Server system parameters like **CPU** analysis and **MEMORY** analysis by using **PERFMON**.
- Ran SQL Profiler to drill down the major performance issues at query level by optimizing with Indexes
- Produced the performance test reports including client side and server side metrics.

Project#2

Project Name	: Cheaha Banking Information Solutions
Client	: Cheaha Bank, Alabama
Tools Used	: LoadRunner, Dynatrace
Protocols	: Web(http/html), Web services(SOAP/REST)

Project's Description:

Description: The bank is capable of providing all of your banking needs, whether large or small. We have the modern technology of internet banking, 24-hour telephone banking and ATM/Debit card access, yet we are committed to providing personal and friendly customer service within our local bank office. The bank offers several options for checking, savings and money market accounts, as well as Individual Retirement Accounts and Certificates of Deposit. We also offer a variety of loans, ranging from small personal loans to real estate loans and large commercial loans with competitive interest rates.

Responsibilities:

- Coordinated with business team and Setup performance environment.
- Discussing with functional testers about functionality of the application.
- Involved in NFR gathering, Creation of Test Strategy, Designing Workload Model for multiple types of load tests.
- Recording all the **Critical Business Flows** and enhancing scripts using Load Runner -VuGen
- Configured the test environment and executed the Tests
- Analyzed server side, application performance metrics using **Dynatrace** and created Dashboards
- Used **C language** to enhance Load Runner Scripts to **handle exceptions**
- Defect Creation with in-depth analysis in **JIRA**
- Discuss with project team about **defects**.

Project#3

Project Name	: Medical Report System
Client	: TanTock SengHospital.Singapore
Tools & Technologies	: Jmeter , AppDynamics, Grafana, Blazemeter.
Environment	: C o r e Java

Project's 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.

Responsibilities:

- Collaborated with stakeholders to analyze performance requirements, including expected response times, concurrent user load, and throughput.
- Developed and customized **JMeter scripts** for multiple user journeys using **parameterization, correlation, and response assertions** to ensure functional accuracy.
- Utilized **Regular Expression Extractors** to capture and reuse dynamic session data during test runs
- Configured **CSV Data Set Config** for input parameterization to simulate realistic user behavior.
- Structured scripts using **Transaction Controllers** to measure response times for specific business processes.

- Design and execute various types of **Thread Groups** to meet the expected load.
- Implemented and analyzed results using **Listeners** like **Aggregate Report**, **Summary Report**, and **Graph Results**, integrated performance trends with **Grafana** dashboards.
- Executed performance tests in **Non-GUI mode (command-line)** to optimize memory usage and support distributed testing via **BlazeMeter**.
- Monitored application and infrastructure metrics using **AppDynamics**, correlating JMeter test results with backend performance (CPU, memory, DB calls, etc.).
- Prepared comprehensive performance analysis reports detailing **client-side metrics**, **server-side insights**, and **bottleneck identification**.

Project#4

Project Name : SAP M & M
Client : Mahindra & Mahindra
Tools Used : LoadRunner
Protocols : SAP GUI

Project's Description:

SCPT (Supply Chain Platform Transformation) workstream aims to migrate the current ECC SAP instance to new SAP S/4HANA platform and provide edge to the customers with well performing production system.

The key objective is to performance test and analyze the SAP GUI application and determine the performance of the application.

Responsibilities:

- Developed and executed performance test scripts of **SAP GUI** using LoadRunner.
- Collaborated with business stakeholders to gather requirements for core logistics and supply chain processes, mapping each to specific **T-Codes**.
- Conducted script validation with single-user, multi-iteration runs using the Checkuser path for debugging and accuracy.
- Handled Transportation Management and Warehouse management module with around 30 scripts.
- Conducted module wise component test to identify the issues while running with concurrent users.
- Designed and executed Load, Stress, and Endurance test scenarios to evaluate application stability and scalability.
- Defining the **runtime settings** and test settings for the scenarios in the controller and execute the Performance testing and analyzing the test results.
- Involved in all major enhancements like **Correlation**, **Parameterization**, **Error Handling** and Verifications.
- Executed **endurance testing** for 4 hours to analyze the performance of the application. Prepared detailed performance test reports, interpreting Dynatrace and LoadRunner metrics to provide actionable insights.

Project#5

Project Name : SAL & TIES
Client : Toyota Kirloskar Motors
Tools Used : LoadRunner, AppD
Protocols : Oracle NCA

Architecture:

Frontend : Oracle APEX (HTML, CSS, JavaScript)
Middleware : Oracle NCA (Network Computing Architecture)
Backend : Oracle PL/SQL Database (SQL-based transactions and procedures)

Project's Description:

This project involves performance testing of Oracle-based enterprise applications used for vehicle receiving, billing, and dispatch operations across multiple locations, including **Bidadi Plant, Alliance Locations, and RSY (Regional Stock Yard)**.

The goal was to ensure that the systems perform efficiently under expected and peak load conditions, optimizing transaction throughput, response time, and database query performance.

Roles and Responsibilities

- **Performance Test Design & Development**
 - Designed and developed performance test scripts using LoadRunner (Oracle NCA protocol).
 - Correlated dynamic values and managed session parameters for Oracle-based applications.
 - Parameterized input data and configured realistic test scenarios
- **Workload Modeling & Scenario Execution**
 - Created performance test scenarios in LoadRunner Controller to simulate concurrent user loads.
 - Configured test durations, pacing, think times, and iterations to match real-world usage.
 - Executed load, stress, and endurance tests to evaluate system stability.
- **Backend and DB Validation**
 - Worked closely with the DB team to analyze PL/SQL stored procedures and optimize SQL queries.
 - Validated DB response time, locks, and session utilization using Oracle SQL Developer and AWR reports.
- **Monitoring & Analysis**
 - Monitored server resources (CPU, Memory, Disk I/O) during test execution.
 - Analyzed LoadRunner Analysis reports for transaction response times, throughput, and bottlenecks.
 - Identified and reported performance issues at both application and DB levels.
- **Reporting & Coordination**
 - Prepared detailed performance summary reports and shared key findings with the development and DBA teams.
 - Recommended tuning solutions and verified improvements post-optimization.
 - Collaborated with developers, DBAs, and business stakeholders for performance sign-off.

Project#6

Project Name : VDEMS
Client : Toyota Kirloskar Motors
Tools Used : Jmeter, Grafana, AppD
Protocols : Web HTTP/HTML, WebServices

Project's Description:

The VDEMS (Vehicle Defect & Evaluation Management System) is a web-based solution designed for managing the complete lifecycle of vehicle defect reporting, evaluation, and resolution across Toyota's production and quality departments.

The system enables users to log, track, analyze, and close vehicle defects efficiently through workflow-driven processes. The application is built on the .NET framework with Oracle as the backend database.

Roles and Responsibilities

- Designed and executed performance test scripts in **JMeter** for web-based .NET application with **Oracle DB**.
- Created workload models and conducted **load, stress, and endurance tests** to validate system stability.
- Parameterized data, handled correlation, and simulated concurrent user load.
- Monitored **server and database performance** using AWR reports and tuned SQL queries.
- Analyzed JMeter results, identified bottlenecks, and prepared performance summary reports.
- Collaborated with developers and DBAs to optimize application and database performance.

Declaration

I hereby declare that the above written particulars are true to the best of my Knowledge and belief.

Date:

Place: **Mumbai**

[MD Akheem Pasha]