Shaik Abdul Ameer

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| **Professional Summary**   * Senior performance Engineer with 15+ years of significant experience in system Analysis, Data validation, script design Load test executions, Performance Testing, Observability Testing and Engineering of major software applications in various industries such as Banking, Finance, Retail and HealthCare sectors. * Proficient in testing and tuning java, .net, LDAP, web, DB, Citrix applications and CI CD Implementation, Defect lifecycle management with tools (HP-ALM) and Defect tracking tool(JIRA) * Strong experience in using Load testing tools such as Micro focuses Load Runner, Performance center, Apache JMeter, LoginVSI and Blaze meter. * Good understanding on principles Queuing theory and Capacity planning. * Well-versed with monitoring tools SiteScope, Splunk, Dynatrace, Prometheus and Wily Introscope * Well versed with other load testing tools like OpenSTA and Cloud based tools and Cloud based technologies like AWS,AZURE and GCP platforms to integrate the CI/CD process with JULES/JENKINS INTEGRATION * Implemented CI/CD framework integration with Blazemeter * Worked with protocols such as Web, Webservices, REST API’s, Oracle NCA, SAP, AJAX TC * Specialized in load testing Virtual desktop environments and cloud platforms * Solved major production issues and reduced critical business hurts * Executed performance scripts on different browsers and reported defects/results to the team. * Involved in developing Performance Test Plans, Scenario design, workload design, Test Environment setup and analyzing Test Results. * Experience in Testing Database Applications (ORACLE, GRAFANA DB, DB2, MS SQL Server, Sybase and MS Access). * Excellent testing experience in all phases of Performance Testing Life Cycle (PTLC) and agile methodologies. * Expertise in backend testing Batch Job processes that extract data from homogeneous or heterogeneous sources. * Skilled in developing and maintaining test plans and scripts. * Good knowledge on all phases of Project Life Cycle/SDLC including Requirement gathering, Analysis, Design, Development, Implementation, Testing, Software quality standards, configuration management, change management and Quality procedures. * Good understanding of data warehousing concepts and data analysis. * Strong knowledge of relational database design concepts. * Strong ability to identify performance defects. * Well versed with RDBMS and excellent SQL skills to build complex queries. * Versatile team player with excellent analytical and interpersonal skills with an aptitude to learn new technologies. * Expertise in Project documentation, Testing and Quality audit reviews. * Extensively worked on MS Office Tools (Excel, Word, PowerPoint and Access). * Has Team Building/handling experience. * Excellent communication, interpersonal skills and presentation skills, which helped achieve excellent results and meet client expectations, all through. Have an ability to communicate ideas, issues and solutions clearly to both functional and technology preferences. | * Performance Test Architect * Performance Test Manager * Performance Test Lead * Performance Testing * Performance monitoring * Performance tuning * LoadRunner * Performance Center * LoginVSI * JMeter * Dynatrace * Wily Introscope * VDI load testing * Troubleshooting |

**Key Achievements**

* Able to execute and provide thought leadership to various large scale performance testing projects
* Assisted in tuning various system components and utilized various diagnostic and monitoring tools to detect, isolate, and resolve performance issues
* Liaised with Development teams, technology leads, project managers, plan, schedule and execute the performance tests to meet the project deadlines
* Mentored many junior engineers on load testing with multiple tools and techniques
* Received numerous letters of recommendation and appreciation from customers & management

**nce Testing**

**TECHNICAL SKILLS**

Programming Languages : C, .NET, C#, Oracle PL/SQL and Java

Databases : RDBMS, GRAFANA DB, DB28.1, IMS/DB, SQL Server 2005, Oracle 7.x/8.0 9i

Defect Tracking Tools : HP ALM, Jira and Confluence

Operating Systems/Languages Windows, Windows 98/ME/XP, UNIX, C, C++, JAVA, SQL, VB 6.0

Testing Tools : Load Runner, JMeter, Neoload, Performance Center, Blazemeter

Other Tools : Jenkins, SharePoint, GitHub, Dynatrace, Splunk, Python

Cloud Platforms : AWS, AZURE, GCP AND GIAIA

**Education: Bachelor of Engineering from Madras University Chennai India.**

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| **Experience Summary:** |

Client: NORTHERN TRUST BANK MAY 2023–TILL DATE

Performance Test Lead

The project is primarily involved in testing the migrated test environment from Oracle 12c Remediation to Oracle 19x.This project consists of 23 TLA’s which has web-based applications, Web services, REST API’s and Batch jobs which are migrating to 19c environment. The objective of this performance testing is to compare the performance metrics with the new updates in the migrated environment. Also, the comparison for response time, CPU and memory utilization before it is deployed to production.

**Responsibilities:**

* Leading the team size of 4 performance testers.
* Creation and maintenance of Test scripts & executing the test scenarios for UI, web services and Batch jobs using Control-M.
* Guiding and mentoring the offshore team members on various parameters like Creating Effective test Plan, Test scripts, Test Scenarios, Test Executions, raising defects and dealing with client calls and report walkthrough calls with the product owners.
* Raising the performance defects in Azure Dev-ops platform.
* Configuring the load tests with JMeter in Azure Dev-ops.
* Co-coordinating with the Application team on performance test gathering requirements.
* Involved in all the phases of performance testing engagement from plan to report analysis
* Service virtualization in AZURE AD platform.
* Schedule and automate the execution of tests using Azure Pipelines.
* Interacting with the developers, stake holders and product owners on final reports walkthrough.
* Involved in the load testing, Volume testing for UI/Web services and Batch Jobs using Control-M scheduler.
* Designed the test scenarios based on the business requirements.
* Involved in analyzing AWR reports, Server health utilizations and performed deep dive analysis on the utilizations during the load tests.
* Worked with TDM team to execute and design the SQL queries to generate required test data for Load/Stress and Endurance testing.
* Performed various load tests to identify the memory leaks in the applications.

Client: RACPAD SERVICES NOV 2022–APRIL 2023

Performance Architect

RACPAD is the largest domain in acquiring logistics and warehouses, involved in testing the migration of Legacy environment to AWS cloud infrastructure. This project has UI applications, REST API’s and DB objects which are migrating to new Cloud based environment and few changes to the existing applications which are customized on-premise environment. The objective of this performance testing is to capture the performance metrics with the new updates in the monthly releases and implement the changes in the CI/CD framework. Also, the capacity planning and scalability with the current infrastructure.

**Responsibilities:**

* Involved in planning phase by interacting with application owners to gather the performance requirements.
* Creation and maintenance of Test scripts & executing the test scenarios for UI, web services and REST API’s integration.
* Guiding and mentoring the offshore team members on various parameters like Creating Effective test Plan, Test scripts, Test Scenarios, Test Executions, raising defects and dealing with client calls and report walkthrough calls with the product owners.
* Execute performance, Stress and Endurance test runs for holiday readiness.
* Involved in performing distributed load testing on AWS solutions to automate the process of testing at scale and to help to identify potential performance bottlenecks.
* Configuring and installing JMeter on the AWS EC2 instances for load distribution and simulation
* Analyze the performance test results – Back-end performance using Dynatrace, Log

Analysis using Splunk and front-end performance using APM tools.

* Analyze JVM heap memory usage, Garbage collection activity, thread pools statistics.
* Analyze historical traffic patterns and design workload model for holiday season.
* Performance strategy design for multiple applications within tailored brands and Jos A bank.
* Production performance analysis daily basis is using Dynatrace, Akamai mpulse and

Grafana.

* Execute performance tests from AWS and data center.
* Report performance test results to various stakeholders.

Client: JP MORGAN CHASE-EWS/DCM Migration/LAD/LAW SEP 2015–SEP 2022

Performance Solution Test Lead

The project is primarily involved in testing the migrated test environment from Oracle 12c to Oracle 19x.This project has web-based applications, Web services, REST API’s and Batch jobs which are migrating to new Cloud based environment and few changes to the existing applications which are customized in a virtual environment. The objective of this performance testing is to compare the performance metrics with the new updates in the migrated cloud environment. Also, the comparison for response time, CPU and memory utilization before it is deployed to production.

**Responsibilities:**

* Leading the team size of 10 performance testers.
* Creation and maintenance of Test scripts & executing the test scenarios for UI, web services and REST API’s integration.
* Guiding and mentoring the offshore team members on various parameters like Creating Effective test Plan, Test scripts, Test Scenarios, Test Executions, raising defects and dealing with client calls and report walkthrough calls with the product owners.
* Co-coordinating with the Application team on performance test gathering requirements.
* Involved in all the phases of performance testing engagement from plan to report analysis.
* Interacting with the developers, stake holders and product owners on final reports walkthrough.
* Worked on CI/CD and Blazemeter integration with Jules pipeline/Jenkins in GAIA private cloud platform.
* Automation of the framework with PYTHON scripting.
* Involved in the load testing, Volume testing for UI/Webservices and Batch Jobs using Control-M scheduler.
* Designed the test scenarios based on the business requirements.
* Involved in analyzing Server health utilizations and performed deep dive analysis on the utilizations during the load tests.
* Worked with TDM team to execute and design the SQL queries to generate required test data for Load/Stress and Endurance testing.
* Performed various load tests to identify the memory leaks in the applications.

CLIENT: BCBS, CA AUG2014–SEP 2015

Role - Team Lead

Project Name - BSC SA Testing-BSC. The project is to test the BSC web portals and Batch jobs applications like member, producer, and provider and employer portals performance.

**Responsibilities:**

* Requirement Gathering, Understanding the requirements, creating test plan document, suitable scenarios based on the critical transactions, analyzing the production logs to get the benchmark response times to be reached (SLA).
* Interacting with the Development team and setting up the standing and working sessions with the issues observed during the performance testing phase.
* Creating the workload model based on the Vuser count and the no. of transactions to be achieved in a particular duration and execute these scenarios in Controller.
* Analyzing the statistics of the run and helping the team in using the custom codes to debug the scripts in case of errors during the run.
* Reporting to the concerned team.
* Consolidating the project status to the customers on daily basis.

CLIENT: WELLSFARGO, Hyderabad MAR 2014 – SEP 2014

PERFORMANCE TEST LEAD

Project: PCATS provides the enhanced platform to support tracking of core data across the application including, but not limited to, process level characteristics, contract level information, and pipeline activities and related reporting. This will enable the capture and tracking of the data to replace the current spreadsheet-based process. Users will use the system to create, update and report on transition activities. Users will have access to streamlined interface to capture, update and view transition activities, pipeline reporting and view steady state process data as well The Objective of this engagement is to identify the behavior of the key performance indicators and the application sustainability in the users prospective.

**Responsibilities:**

* Individual Contribution to the overall engagement.
* Performance requirements analysis.
* Prepare performance test plan for end-end performance testing activities.
* Understand the technology stack.
* Identified the business flows and documented the same.
* Interact with various groups to gather performance requirements.
* Monitor hardware utilization.
* Prepared test execution design using performance center.
* Prepared test execution detailed report.
* Observations in the test execution report and provide recommendations.

CLIENT: Home Depot, Atlanta, GA SEP 2013 – FEB 2014

Role: Performance Test lead

Project: HomeDepot Link provides suppliers and business partners with access to information and systems used for conducting business with The Home Depot. The site provides users with business related documentation, contact information, alerts, action items, and access to other HomeDepot applications. Active suppliers and business partners that do not currently have an account on HomeDepot Link can submit a request to their Partner Guardian by “Registering” for an account. Provides performance activities end to end testing solutions.

Technologies: J2EE, JQuery, Windows (Load Generation), Linux, Apache, DB2.Oracle, WebSphere

**Responsibilities:**

* Thought leadership to the overall engagement.
* Performance requirements analysis.
* Prepare performance test plan for end-end performance testing activities.
* Understand the technology stack.
* Understand sequence diagrams.
* Interact with various groups to gather performance requirements.
* Workload analysis for various components including third party systems.
* Manage a team of 5 resources.
* Monitor hardware utilization using SiteScope.
* Component level performance testing.
* Prepared test execution design using performance center.
* Prepared test execution detailed report.
* Observations in the test execution report and provide recommendations if any.

CLIENT: LIBERTY MUTUAL INSURANCE MAR 2013– SEP 2013

PERFORMANCE TEST LEAD

Project: Liberty Mutual Agency Corporation's companies offer their products and services exclusively through professionally licensed independent insurance agents. With Liberty Mutual Agency Corporation's companies, policyholders and independent insurance agents can expect: Effective relationships Meaningful partnerships in the marketplace robust product set and risk appetite Consistent, disciplined underwriting High quality products, services, and outcomes.

Business scenario. (Liberty Mutual Is using BMC Remedy tool for their Business Solution of which they need to have performance testing solution using Load Runner for their Business Scenarios.

**Responsibilities:**

* Performance requirements analysis.
* Prepare performance strategy and plan document.
* Conduct performance test runs.
* Designed and deployed performance monitor.
* Validate test data provided by the customer.
* Designed the load test for the different scenarios in ALM.
* Conduct POC’s to identify suitable tools for various aged client server applications and applications hosted on workspace.

**Technologies:** Loadrunner 11.0 with HTTP, AJAX TRUE Client protocols, WebSphere, IIS, NMON, Nimbus, WebSphere, Oracle 10g

Client: Northern Eastern University (USA) SEP 2012 – FEB 2013

Role: Performance Lead

Project: The objective of this engagement is for analyzing and understanding the performance characteristics of, Banner web application Build 2 from an end-user perspective. Three scenarios were identified as part of performance testing engagement: Lookup classes, Add/Drop Courses using CRNs, Add/Drop classes from class search. The goal of the test is to check the Banner web application using mix of these scenarios with the sudden ramp up of concurrent users.

**Responsibilities:**

* Understand the performance requirements.
* Automate the identified business scenarios.
* Execute the load tests with anticipated user loads using Appcloud.
* Analyze the results and report to the customer.
* Analyze the results and tune the system to meet performance SLA’s.

**Technologies:** JMeter, Appcloud, WebSphere, Linux, Oracle 10g, Apache, Big IP load balancer, Java, J2EE

Client – KPMG USA MAR 2012 – SEP 2012

Role: Senior Test Engineer

Project: The Objective of this is to performance test their IBS application of BW Reports with different scenario flow namely Engagement WIP Analysis Report, WIP Summary Report, Opportunity Summary Report, Staff Performance Work Date, Claim Monitoring, Engagement Transaction Date, Debtors Detail, New Entity Report. The objective of this engagement is to test their portal with500 concurrent users and fine tune the system to meet the performance SLA’s

**Responsibilities:**

* Performance requirements analysis.
* Prepare performance strategy and plan document.
* Conduct baseline, benchmark tests.
* Conduct load test with 500 concurrent users using Performance Center and monitor Servers.
* Analyze the results and tune the system to meet performance SLA’s

**Technologies:** Windows (Load Generation), IIS, Oracle JRE1.5(Sun)and Load runner 11.0, Performance Center 9.52: Windows server 2003

Client: Northern Eastern University-USA OCT 2011 – FEB 2012

Role: Senior Test Engineer

Project: Northeastern University and App Labs are working towards analyzing and understanding the performance characteristics of Banner web application from an end-user perspective. Three scenarios were identified as part of performance testing engagement: Lookup classes, Add/Drop Courses using CRNs, Add/Drop classes from class search. The goal of the test is to check the Banner web application using mix of these scenarios with the concurrent users.

**Responsibilities:**

* Technical Understanding of Application and architecture.
* Walkthrough of the Application.
* Involved in Test Plan Preparation.
* Involved in Test Data Preparation.
* Walkthrough the Scenario for testing.
* Documentation of Step-by-Step workflow of Scenario.
* Establish performance goals and criteria for the application.
* Designed Performance Scenarios as per the business.
* Designed Simulation Scripts.
* Designed and deployed performance monitor.
* Validate test data provided by Customer.
* Analyzed client side and server-side performance counters information.
* Prepared test execution design using Appcloud Instances.
* Prepared test execution detailed report.
* To analyze Observations in the test execution report and provide recommendations if any.

Client: SAFEWAY JUN 2010 – SEP 2011

Role: Senior Test Engineer

Project: Safeway Just for U International is a Retail Application have three user Interface Applications.

Safeway, Vons and Dominick’s Banners, which deals with the three pages like cc page, ycs page and personalized page which users can book the orders and they will have offers by selecting the clips in the cart. All the three Banners will have coupons, stores and list of available products.

**Responsibilities:**

* Technical Understanding of Application and architecture.
* Identifying the business Scenarios.
* Conducted POC on Application using Loadrunner tool.
* Involved in validating the Test data.
* Finalizing the Scenarios for testing.
* Establish performance goals and criteria for the application.
* Designed Performance Scenarios.
* Designed Simulation Scripts.
* Designed and deployed performance monitor.
* Validate test data provided by Customer.
* Analyzed client-side performance counters information.
* Prepared test execution detailed report.
* Observations in the test execution report and provide recommendations if any.

**Other Projects:**

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| **Client** | **Role** | **Duration** | **Team Size** | **Performance Testing Tools Used** |
| Clear Channel | Performance Test Engineer | Dec '11 to May '11 | 3 | Loadrunner9.5, Performance |
| Center CDSL | Performance Test Engineer | Sep '11 to Nov '11 | 2 | JMeter, Appcloud |
| AVIS. | Performance Test Engineer | May '11 to Aug'11 | 12 | Loadrunner 9.5 |
| SUNPOWER | Senior Software Engineer | Jan'11 to Apr '11 | 6 | Loadrunner 9.0 |
| KPMG | Senior Software Engineer | Sep'10 to Jan'11 | 4 | Loadrunner9.0, Performance |

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| Mahindra Satyam Oct 2008 – May 2010  SENIOR PERFORMANCE TEST ENGINEER |

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| **Client** | **Role** | **Duration** | **Team Size** | **Performance Testing Tools Used** |
| Cisco Systems | Senior Test Engineer | Aug '09 to May'10 | 8 | Loadrunner 9.0 |
| AMEX | Test Engineer | Oct'08 to Jul'09 | 4 | Loadrunner 8.5 |