DHEERAJ KUMAR REDDY **DEGA**

Chesterfield, Missouri · +1 (217)-790-7217

degadheeraj@hotmail.com · **LinkedIn_Profile**

Secure a responsible career opportunity to fully utilize my performance engineering skills, while making a significant contribution to the success of the company and to make use of my interpersonal skills to achieve the goals of a company that focuses on customer satisfaction and customer experience.

PROFESSIONAL SUMMARY

- 9+ years of experience in Performance Engineering using **Load Runner, LRE 2022, Performance Center, Apache JMeter, Blazemeter, NeoLoad,** and **Parasoft SOA Test**.
- Performance Engineering experience in Large Scale and Complex Software Products .
- Robust knowledge on end-to-end activities of Performance Life Cycle including Requirements Capturing, Requirements Analysis, Scripting, Workload Modelling, Test Execution, Results Analysis, Environment Troubleshooting, CPU/Memory Profiling, etc.
- In-depth knowledge of Software System Architecture across multiple platforms.
- Wide-ranging experience on **Web (HTTP/HTML), Web Services (REST/SOAP), TrueClient, RTE (Remote Terminal Emulator),** and **Siebel Protocols**.
- Extensive working experience in **Agile Environment, Continuous Integration, Cloud Technologies, E-Retail, Banking,** and **Capital Marketing** applications.
- Operating in an **Agile Software Delivery Methodology** focused on testing new features within the iteration and providing near-immediate feedback to engineers.
- Overseen system performance lifecycle and worked with development teams to identify performance bottlenecks and perform root cause analysis of performance issues.
- Well-versed with crafting of **Splunk** queries and dashboards to collect application logs of different application tiers and analyzing the behavior using Splunk.
- Instrumenting application calls and create **AppDynamics, Grafana** and **Dynatrace** dashboards to analyze the performance of the application like slow business transactions, transaction snapshots, DB Queries causing the issues, etc.
- Deep insights on **SQL Developer, SSMS, Toad, DBeaver tools** to access & perform DB actions.
- Sound knowledge on **PuTTY, WinSCP,** and **MobaXterm** to access Unix servers and perform actions.
- Significant exposure to **New Relic** to Monitor and Troubleshoot Production Web Applications
- Good knowledge of **SoapUI** and **Postman** for validating service calls.
- Configured and integrated Load Runner and JMeter with **Jenkins Server, Bamboo, and Bitbucket repository** for **Continuous Integration & Continuous Delivery**.
- Analyze various performance parameters of every individual request of a page by using Chrome Developer Tool and PageSpeed to provide optimization solutions.
- Sound knowledge of Performance Engineering of Services hosted in cloud such as Microsoft Azure, Pivotal Cloud Foundry (PCF) and AWS Micro Services.
- Upright experience with proxy tools such as **Wireshark**, **HTTPWatch** and **Fiddler**.

EXPERIENCE

JAN 2023 - PRESENT

LEAD PERFORMANCE ENGINEER, MASTERCARD.

- Working as an onshore lead and dealing with multiple teams from different global locations.
- Identifying critical business scenarios and preparing NFR documents.
- Preparing test plan and test strategy document for the project.
- Work on capacity management, planning in coordination with multiple teams such as infrastructure, architecture, and network teams.
- Deploy builds in Performance and AWS Environments using Jenkins.
- Prepare overall Test Plan/Strategy for performance based on non-functional requirements.
- Working on performance testing tools such as LRE 2022, Blazemeter, and JMeter as part of scripting Web Services and UI applications.
- Experienced with TortoiseGIT and GitBash to push code to GitHub.
- Grafana – to collect JMeter test metrics.
- Splunk – to collect application logs at all tiers of the application namely Perimeter Zone, Liquidity Zone, MAPS and DSP.
- Worked with CyberArk, an IAM Security Tool for privileged access management.
- Performing DB actions such as fetching, inserting, and accessing the data using DBeaver, SSMS and SQL Developer tools.
- Created multiple Jenkins jobs to manage servers at different stages.
- Postman – to create the collections and validate before we perform actual load tests.
- Worked with PuTTY – to connect to servers through SSH.
- Worked with WinSCP – to transfer files between local machine and JMeter nodes.
- MobaXterm - executing performance tests in JMeter node and checking the server logs for errors, if any, while and after executing the performance tests.
- Work with dev team to identify performance bottlenecks.
- Build New-Relic Dashboards for Server Monitoring.
- Worked with Wireshark and Fiddler for network troubleshooting and analyzing web traffic.
- Creating comprehensive test reports and findings to management, development, and infrastructure teams to support decision-making about deployment of applications in PROD.
- Analyzing and reporting data in order to identify issues, trends, or exceptions to drive improvement of results and find solutions.
- Identifying operational issues, recommend and implement strategies to resolve problems.
- Evaluating compatibility of programs with existing communications hardware & software.

FEB 2021 – OCT 2022

PERFORMANCE ENGINEER, GLOBALLOGIC INC.

- Analyze and design performance test scenarios based on load patterns on production system, Production application and network layout.
- Understand non-functional requirements (NFR), Performance Requirements such as volume metrics, throughput, and response times for large scale applications.
- Prepare overall Test Plan/Strategy for performance based on non-functional requirements.
- Plan, design, and conduct performance testing of applications in order to assess server performance, effect of user behavior, and scalability of applications under load.

- Execute and coordinate monitoring of performance tests at network, system, application, and database layers.
- Working on JMeter v5.4 Webservices protocol for scripting and executing scenarios.
- Analyze and design performance test scenarios based on load patterns on production system, Production application and network layout.
- Work with dev team to identify performance bottlenecks.
- Creating comprehensive test reports and findings to management, development, and infrastructure teams to support decision-making about the deployment in the production.
- Analyzing and reporting data in order to identify issues, trends, or exceptions to drive improvement of results and find solutions.
- Identifying operational issues, recommend and implement strategies to resolve problems.
- Evaluating compatibility of programs with existing communications hardware & software.
- Request rates, response times, failure rates, exceptions, page views and load performance, AJAX calls, host diagnostics from Docker, diagnostic trace logs from the app are deeply monitored from Insights.

AUG 2020 TO DEC 2020

GRADUATE RESEARCH ASSISTANT (OIAE), EASTERN ILLINOIS UNIVERSITY.

- Assist the Office of Inclusion & Academic Engagement with Technology needs.
- Work with staff to get updated information on the OIAE website/create new sections for the programs *STRONG Mentoring, She STRONG*, etc.
- Create and set up Mach-form information links for staff.
- Review Academic Departments to identify if there are major descriptions on their site.

MAR 2018 TO DEC 2019

SENIOR PERFORMANCE ENGINEER, MPHASIS LTD.

- Lead multiple teams with a total of 15 from offshore.
- Identifying critical business scenarios and preparing NFR documents for performance testing and engineering.
- Preparing test plan and test strategy document for the project and working on capacity management, planning in coordination with multiple teams such as infrastructure, architecture, and network teams.
- Working with Business analysts and Solution Architects to Design, test and implement Performance coverage to deliver a performance, scalable, operable, and resilient solution.
- Creation of performance test scripts with Load Runner v12.5 for all business scenarios.
- Preparation/validation/modification of test data and performance test scripts after every new build deployment if required.
- Analyze test results and work with Developers and Engineers to perform bug fixes.
- Overseen system performance lifecycle and perform root cause analysis of performance issues and suggest corrective actions.
- Microsoft Azure Application Insights is being used for performance monitoring.
- Instrumenting application calls and create AppD dashboards to analyze the performance of the application like slow business transactions, transaction snapshots, DB Queries causing the issues, etc. using App Dynamics.
- Creating Splunk queries and dashboards to collect application logs and analyzing the behavior using Splunk.
- Analyzing various performance parameters of every individual request of a page by using Chrome Developer Tool and PageSpeed to provide optimization solutions.
- Preparing performance test reports and consolidated closure reports.

AUG 2016 TO MAR 2018

SOFTWARE ENGINEER, LOWE'S SERVICES INDIA PVT LTD.

- Identifying critical business scenarios and preparing NFR documents for performance testing and engineering.
- Preparing test plan and test strategy document for the project
- Creation of performance test scripts with Load Runner v12.02 for all business scenarios of an application.
- Preparation/validation/modification of test data and performance test scripts after every new build deployed on the server if required.
- Execution of PT scripts as per the Load test scenarios to achieve workload model.
- Working on PageSpeed to evaluate the web page and provide suggestions to minimize web page loading time.
- Profiling transactions which are taking more time using Dynatrace, BMC Portal, HTTP Watch, and Fiddler sessions.
- Transaction response times, fail transactions, exceptions and application logs are few of the metrics we analyze for every performance test execution.
- Analyzing various performance parameters of every individual request of a page by using Chrome Developer Tool and PageSpeed to provide optimization solutions.
- Preparing performance test reports and consolidated closure reports.
- To attend project requirements specifications (PRS) reviews for each project conducted by the SE team and to identify the issues with the requirement document.

NOV 2015 TO AUG 2016

PERFORMANCE ENGINEER, MPHASIS LTD.

- Identifying critical business scenarios and preparing NFR documents for performance testing and performance engineering.
- Preparing test plan and test strategy document for the project
- Creation of performance test scripts with Load Runner v12.02 for all business scenarios.
- Preparation/validation/modification of test data and performance test scripts after every new build deployment if required.
- Analyze test results and work with Developers and Engineers to perform bug fixes.
- Instrumenting application calls and create AppD dashboards to analyze the performance of the application like slow business transactions, transaction snapshots, DB Queries causing the issues, etc. using App Dynamics.
- Creating Splunk queries and dashboards to collect application logs and analyzing the behavior.
- Analyzing various performance parameters of every individual request of a page by using Chrome Developer Tool and PageSpeed to provide optimization solutions.

AUG 2013 TO NOV 2015

TEST ENGINEER, TORRY HARRIS BUSINESS SOLUTIONS.

- Gather Non-Functional Requirements and document the same.
- Preparing test plan and test strategy document for the project
- Creation of performance test scripts with Load Runner v11.5 for all the identified business scenarios of the application.
- Preparation/validation/modification of test data and performance test scripts after every new build deployment if required.
- Analyze performance test results and prepare final reports.

EDUCATION

DECEMBER 2020

M.S. IN COMPUTER TECHNOLOGY, EASTERN ILLINOIS UNIVERSITY

Acquired 4 GPA and courses include Java Technology, Advanced Database, Multimedia, and Web Technology, HTML, Networking and Advanced Data Communications, Total Quality Systems, Management in Technology, and Research.

APRIL 2013

BACHELOR OF TECHNOLOGY, AUDISANKARA INSTITUTE OF TECHNOLOGY

Acquired 70% in my Bachelor's Degree.

SKILLS

- MicroFocus Load Runner
- Performance Center
- Apache JMeter
- Neotys NeoLoad
- Splunk
- Dynatrace
- AppDynamics
- New Relic
- CI / CD - Jenkins & Bamboo
- Agile Focused
- SoapUI
- Grafana
- Cloud Performance Engineering

- Blazemeter
- SQL
- C Language
- Java / J2EE
- JIRA - Ticketing Tool
- WebLogic Server
- Influential in Core Areas
- Powerful Facilitator
- Possess Integrity
- A Clear Communicator
- Strong Organization Skills
- Confident in Leading a Team
- A Skilled Negotiator