**BHAVYA KAPA**

Senior Performance Test Engineer

# [supraja@forgetechno.com](mailto:supraja@forgetechno.com) # 609-973-8998

**Summary**

* Performance Test professional with over ~11 years of experience with strong background on Performance Testing and Performance Engineering,leveraging expertise in performance testing and monitoring tools to ensure the stability and scalability of software products.
* Proficient in performance testing tools like Loadrunner, Jmeter, Blazemeter, Performance center.
* Involved in all phases of PTLC to assess system response and scalability under dynamic loads, ensuring optimal performance during peak usage.
* Adept at identifying bottlenecks, analyzing system behavior under load, and implementing solutions to improve performance.
* Proficient on working with protocols like Web,Webservices,MQ,Siebel Web,Oracle NCA,Citrix,Ajax Truclient.
* Worked on Web socket applications using Jmeter.
* Experience in working with Beanshell scripting.
* Developed utilities to reduce manual efforts for Test data creation and Script Generation.
* Proficient in using Monitoring tools like visualVM,Jprofiler,Dynatrace,Grafana,AppDynamics.
* Proficient in working with cloud platforms like AWS,PCF.
* Implemented CI/CD by configuring jmx scripts with Jenkins build pipeline to trigger regression runs to detect any performance deviations for any future code push by the dev team using Performance plugin.
* Worked on Integrating Jmeter with Influx DB and Grafana for real time performance monitoring.
* Good exposure on working with AWS services like AWS EC2, MongoDB, S3 and lambda.
* Experience in using test management and defect tracking tools- JIRA.
* Experience in implementing CI/CD using Jenkins.
* Experience in implementing CI/CD using AWS Code Pipeline.
* Good Analytical and communication skills and ability to work either independently or as part of a team.

**Skills**

|  |  |
| --- | --- |
| **Testing Skills** | Performance Testing |
| **Automation Testing Tools** | Loadrunner, Jmeter, Blazemeter, Performance center,,Postman |
| **CI/CD Tools** | Jenkins,AWS Code Pipeline |
| **SCM**  **Project Collaboration Tool** | GitHub  Confluence |
| **Defect Tracking Tool** | Jira |
| **Performance**  **Monitoring Tools** | AppDynamics, Dynatrace, Grafana |
| **Cloud Platforms** | AWS, PCF |
| **Programming**  **Languages**  **Database Technologies** | C, Java  SQL |

**Work Experience Summary**

• **Forge Technologies Inc(USA)**

o Senior Test Engineer– 05/2024

▪ E2E delivery lead for performance testing.

• **DBS (Bank) Tech, Hyderabad (India)**

o Senior Test Engineer– 11/2021 - 10/2023

▪ E2E delivery lead for automation and performance testing.

o Test Engineer - 08/2017 to 10/2021

▪ E2E delivery for automation and performance testing.

• **Cognizant Technology Solutions, Hyderabad (India)**

o Associate - 05/2015 to 07/2017

▪ E2E delivery for performance testing.

o Programmer Analyst - 10/2013 to 05/2015

▪ Individual contributor for performance testing.

o Programmer Analyst trainee - 05/2012 to 09/2013

▪ Individual contributor for performance testing.

**Detailed Work Experience**

**Forge Technologies Inc USA** • 05/2024-Current

* Working as a Senior Performance tester for a In- house rental retail product
* Involved in all phases of PTLC to assess system response and scalability under dynamic loads, ensuring optimal performance during peak usage
* Using Loadrunner tool to simulate performance tests like Load test, stress test,endurance and spike tests.
* Extensively leveraged Performance Testing methodologies & PTLC..
* Performance/load testing for Web applications.
* Implemented performance test scripts in JMeter, LoadRunner, BlazeMeter.
* shared performance metrics for services and components deployed on AWS EC2 using AWS cloudwatch.
* Implemented CI/CD by integrating Jmx scripts with DevOps CICD on Jenkins for regression runs.Any performance deviation during the run will be informed to the team via email.
* Application monitoring using AppDynamics and AWS CloudWatch.
* Delivery of performance and system test components in Agile model.

**DBS BANK(Development Bank of Singapore)** • 08/2017 - 10/2023

* Led a team of performance testers in designing and executing performance test plans for enterprise-level software systems, ensuring scalability, reliability, and responsiveness.
* Developed performance test strategies tailored to the specific requirements of each project, considering factors such as user load, system architecture, and business objectives.
* Utilized performance testing tools such as LoadRunner, JMeter to simulate real-world user loads and stress conditions, identifying performance bottlenecks and areas for optimization.
* Collaborated with development teams to implement performance tuning recommendations and optimize system performance.
* Provided technical leadership and guidance to team members, mentoring the team and fostering a culture of continuous learning and improvement.
* Communicated performance test results and recommendations to project stakeholders, including senior management, facilitating informed decision-making and prioritization of performance improvement efforts.
* Executed Performance tests like Load, Endurance, Spike and Stress Testing using Loadrunner and Jmeter across multiple applications.
* Performance test reports are shared with client and server side metrics using tools AWS cloudwatch,PCF metrics,,Appdynamics ,Grafana across multiple applications.
* Any performance deviations observed are reported to the dev team with error log with RCA.
* Implemented CI/CD by adding Jmx scripts with Jenkins Pipeline to trigger Regression runs using performance plugin,helping us to detect performance issues early
* Integrated Jmeter with Grafana and Influx DB for real time performance monitoring.
* Developed utilities for test data creation and script generation.
* Involved in all phases of PTLC, from Requirement Analysis, Test Scenario & Test Case Design, Test case execution & Defect management and Reporting.

**Cognizant Technology Solutions** • 05/2012 - 07/2017

* Executed Performance tests like Load, Endurance, Spike and Stress Testing using

Loadrunner, Jmeter ,RPT and VSTS across multiple applications.

* Performance test reports are shared with client and server side metrics using monitoring tools across multiple applications.
* Worked on multiple protocols like Web,Webservices,MQ,Oracle NCA,Siebel web,Citrix and Ajax truclient.
* Worked on perl scripting for creating parsers to collect data from logs.
* Any performance deviations observed are reported to the dev team with error log with RCA.
* Involved in all phases of PTLC from Requirement Analysis, Test Scenario & Test Case Design, Test case execution & Defect management and Reporting.
* Worked on Monitoring tools like Visual VM,Jprofiler,Dynatrace,HPPM

**Education**

• X th (SSC) – New Era School – 91% - Class of 2006

• XII th (Intermediate) – Narayana Junior College – MPC (Maths, Physics, Chemistry) – 94.1% - Class of 2005

• BTech - Sreenidhi Institute of Science and Technology JNTU - Electronics & Computer Engineering – 7.8 (CGPA) – Class of 2012

**Other Details**

• Country of Origin – India

• Passport Number – V8206858

• Passport expiry date – 08/03/2032