Ruchir Verma

Woonsocket, RI | https://iruchir.github.io | E: ruchirverma11@gmail.com | LinkedIn: www.linkedin.com/in/ruchirverma11

Performance Analyst | 6+ Years in Software Performance Engineering | 8+ Years in the Industry | Hobbyist YouTuber

I help organizations to accomplish performance testing, monitoring, and analysis over their applications and infrastructure to eliminate performance bottlenecks and ensure performance targets are met at minimum costs.

Key Responsibilities:
- Define the Metrics and Measurements for AUT (Application Under Test)
- Making Effective Test Cases
- Meaningful Analysis of The Test Results
- Eliminate Performance Bottlenecks

Skill Set
- **Programming Languages & Frameworks:** Java, J2EE, SQL, MVC, Shell Script
- **Frontend Technologies:** JavaScript, AJAX, JSON, HTML5, CSS3, Google Maps API
- **Databases:** Oracle, MySQL, Influx
- **Tools:** Splunk Enterprise, Dynatrace, Grafana, JCONSOLE, AppDynamics, JVisualVM, IBM Rational Performance Tester, IBM Garbage Collection and Memory Visualizer (GCMV), IBM Memory Analyzer (MAT), SVN, TeamTrack, Grafana, PuTTY, WinSCP, JMeter. JVM Thread Dump Analyzer.

Work Experience

Performance Analyst   **Tata Consultancy Services Ltd., Woonsocket, R.I., USA**   **Nov 2016 – Present**

Applications observe continuous developments, improvements, and releases multiple times a year. With each release, the objective is to maintain application performance with-in the SLAs without impacting existing and new functionalities.
- Understand new functionalities of the application and upgrade the testing tool to simulate the same.
- Monitor the performance of applications utilizing logs and tools such as AppDynamics, Splunk, Kibana and Grafana.
- Analyze performance results such as heap dump, verbose GC, CPU Graphs etc. for performance anomalies.
- Conduct in-depth root-cause analysis for performance bottlenecks, inconsistencies in application and recommend solutions.
- Provide tuning recommendations to resolve performance issues around throughput, response time, Heap, Garbage Collection, CPU etc.
- Tools/Technologies: Java, Splunk, AppDynamics, IBM Memory Analyzer, IBM GCMV, Grafana, Shell Scripts, JMeter, JVisualVM.

Developer   **Tata Consultancy Services Ltd., Pune, Maharashtra, India**   **Mar 2015 – Sep 2016**

Upgrade infrastructure up to standards by migrating and updating existing technology and enhancing security.
- Remediated and migrated three large business-critical applications.
- Recognized common pattern and developed scripts to automatically remediate utilizing shell scripts.
- Tools/Technologies: Shell Scripts, Informatica, SQL.

Developer   **Tata Consultancy Services Ltd., Pune, Maharashtra, India**   **Oct 2014 – Mar 2015**

Reform Splunk used for searching, monitoring, and analyzing machine-generated big data, via a Web-style interface.
- Crafted new queries and optimized existing queries to retrieve and render data efficiently.
- Developed, customized and centralized dashboards and duplicate data existed in Splunk.
- Standardized 60+ dashboards and designed templates, created custom time-traversable dashboard utility.
- Tools/Technologies: Splunk Enterprise, CSS, JavaScript, Shell Script.

Performance Tester   **Tata Consultancy Services Ltd., Pune, Maharashtra, India**   **Jan 2013 – Mar 2014**

Design and run performance tests, analyze results, and provide recommendations to improve Product Life Cycle Management tool, WindChill.
- Comprehended performance plans, designed test scenarios and transaction scripts.
- Generated data-pool, parameterization and correlation and executed tests utilizing IBM Rational Performance Tester.
- Analyzed results and recommended performance improvements.
- Tools/Technologies: J2SE, J2EE, IBM Rational Performance Test, Eclipse.

Education

B.E. Computer Science: [Score: 70.02%]   **Graduated, May 2012**

Medicaps Institute of Technology and Management, Indore, India