

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**

With a **Healthcare client**, 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, GC, CPU etc.
- Tools/Technologies: Java, Splunk, AppDynamics, IBM Memory Analyzer, IBM GCMV, Grafana, Shell Scripts, JMeter, JVisualVM.

Performance Advisor **Tata Consultancy Services Ltd., Pune, Maharashtra, India** **Sep 2016 – Oct 2016**

With a **Healthcare Client**, assisted setting up Performance Testing and Performance Monitoring infrastructure.

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

With a **Banking and Investment firm**, upgraded MS's infrastructure up to standards by migrating and updating existing technology and enhancing security.

- Led a team of 4 and collectively migrated 250+ applications.
- 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**

With a **Banking and Investment firm**, reformed 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.

Splunk Developer **Tata Consultancy Services Ltd., Pune, Maharashtra, India** **Apr 2014 – Sep 2014**

With a **Banking and Investment firm**, improved the completeness of monitoring for each application and built dashboards to aid in troubleshooting as well as provide information to teams proactively that could potentially avoid an incident before it occurs.

- Integrated monitoring so that applications are properly supervised before they are released into production.
- To identify and set up alerts in Splunk.

Ruchir Verma

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- Tools/Technologies: Splunk Enterprise.

Performance Tester

Tata Consultancy Services Ltd., Pune, Maharashtra, India

Jan 2013 – Mar 2014

With a **manufacturing client**, designed and ran performance tests, analyzed results, and provided 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