



# Rajat Kumar Singh

Performance testing professional with 7 years and over a decade of experience in IT, specializing in software testing of various applications and database servers. Seeking opportunities in the IT industry, focusing on quality assurance, testing, and team management.

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## Profile Summary

- Career spanning with 7 years and over a decade at IT, specializing in performance testing across different domains and applications.
- Leading the team as a Senior Test Lead at Cavisson Systems, demonstrating expertise in overseeing monitoring activities, script creation, database testing, and effective team management practices.
- Possess a wide range of skills including performance testing, team handling, and expertise in tools like JMeter.
- Guided a team of 18-19 individuals, ensuring successful project completion and delivering high-quality outcomes through effective leadership and management skills.
- Proficient in creating and executing performance scripts, analyzing bottlenecks, and monitoring Java-based/.Net based applications.
- Knowledgeable in load generation, script creation, and performance monitoring for optimal application performance.
- Secured 80% enhancement in performance metrics, resulting in an improved user experience and highlighting a consistent history of successful outcomes.
- Skilled in recognizing and rectifying performance challenges, guaranteeing the smooth operation of applications for enhanced user experience.
- Hands-on experience in establishing quality engineering organization, making transition from traditional quality assurance to quality engineering practices.
- Extensive experience in Software Test Life Cycle including test strategy preparation, test plan creation, test estimation, test design, test data preparation, review test artifacts, test execution, test summary preparation, QA sign off.



## Core Competencies

- |                                  |                                      |   |
|----------------------------------|--------------------------------------|---|
| • QA Plan and Strategy           | • SDLC/ STLC                         | • Non-functional/ Functional/ Regression / Sanity Testing |
| • Defect Management/Bug Tracking | • Test Automation/Metrics Management | • Requirement Review Meeting                              |
| • Agile/ Scrum Methodologies     | • Daily Standup Meetings             | • Testing Tools & Methodologies                           |
| • Stakeholder/ Client Management | • Metrics Management                 | • People Management & Leadership                          |



## Work Experience

**Jul 2017 - Present | Senior Test Lead | Cavisson Systems**

### Responsibilities:

- Spearheading performance testing initiatives, including monitoring, scripting, and database testing.
- Leading a team of 18-19 members, overseeing load generation scripts and database queries.
- Managing performance testing for Java-based/.net based applications, identifying bottlenecks, and optimizing server performance.
- Collaborating with developers to address performance issues and enhance application functionality.
- Implementing quality assurance processes, ensuring adherence to test strategies and performance metrics.
- Conducting regular performance reviews and providing recommendations for process enhancements.
- Monitoring test scripts and performance metrics, ensuring optimal application performance.
- Analyzing performance data and generating reports for stakeholders.

### Functional Expertise:

- Conducted various levels of testing such as Integration Testing, System Testing, Regression Testing, Smoke, Sanity, and Build Testing and possess knowledge with non-functional testing
- Worked on testing projects via implementation of the testing organization's mission, goals, and testing processes
- Prepared and led risk identification and risk analysis sessions, and used the results of such sessions to estimate, plan, monitor, and control tests
- Engaged in Defect Management; organizing Defect triage meetings for resolution
- Established & maintained robust relations with the testing stakeholders, business teams, project delivery teams, offshore and onshore vendor teams for ensuring exceptional service delivery

- Participated on Daily Standup call, Sprint planning and Retrospective meeting and communicated the detail related to QA
- Performed the testing of API using Postman tool
- Developed and executed test plans in accordance with organizational policies and test strategies
- Collaborated with project stakeholders regarding the status of relevant and timely tests
- Identified skill and resource gaps in the Test Team and assisted the acquisition of adequate resources
- Led effective communication within the Test Team and with other project stakeholders

## Previous Experience

Jan 2009 to Jul 2017 | Technology Consultant | Calance Corporation

## Technical Skills

- JMeter
- Grafana
- Java
- Performance Testing
- Blazemeter
- .Net Framework (4.0, 4.5, 4.8)
- Postman
- Influxdb
- SQL Server
- Nmon
- No SQL
- Jira
- Load Runner
- Jconsole / JvisualVM
- Postgres Percona
- Jolokia
- Docker
- Bugzilla
- Scripting
- Eclipse / MAT
- Oracle
- Selenium Webdriver
- Perfmon
- Functional / Regression Testing

## Education Credentials

- MCA in Computers from Uttar Pradesh Technical University, 2006
- B.Com from Lucknow University, 2001

## Personal Details

**Date of Birth :** 4<sup>th</sup> July 1983

**Languages :** English and Hindi

**Address:** R185, Sector-12, Railway Enclave, Pratap Vihar, Ghaziabad-201009

## Annexure (Projects Undertaken)

<b>Project Title</b>	Bento Box (Baas)
<b>Period</b>	July 2015 – July 2017
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Written Test Cases by reviewing BRD &amp; FRD documents for Functional and non-functional Testing.</li> <li>• Analyze the test scenarios and manually written the test cases.</li> <li>• Execute Test Plans and Test Cases from requirements and specifications documents. Creation of Selenium script using JAVA</li> <li>• Create, maintain and run formal test cases for new application features.</li> <li>• Perform Smoke, Functional, System, Integration and Regression Testing.</li> <li>• Load distributing on the application using Jmeter.</li> </ul> <p>Attend daily stand up meetings and discussions on defect resolution with the Onshore Manager.</p>
<b>Project Title</b>	Vocado LLC
<b>Period</b>	Feb 2015- May 2015
<b>Project Title</b>	Buxton
<b>Period</b>	Feb 2014 - Jan2015
<b>Project Title</b>	Time Tracker Systems
<b>Period</b>	Jan2009 - Jan2014