Anurag Verma

Performance Engineer

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Summary

Results-driven professional with over 7 years of hands-on experience in various domains of the Software Testing Life Cycle (STLC). Specializes in Performance Testing utilizing tools like JMeter and HP LoadRunner. Adept at infrastructure setup, workload modeling, and capacity planning. Strong knowledge of UI and backend application performance testing. Experienced in performance monitoring during testing and in production. Skilled in analyzing heap dumps and thread dumps. Proficient in monitoring tools such as Grafana and APM analysis. Familiarity with Agile software development and QA processes. Excellent problem-solving and communication skills

Technical Skills

- **Tools:** JMeter, HP LoadRunner, Postman, Fiddler, Chrome Dev Tools, Splunk, GitHub, Jenkins, JVisualVM, MAT
- **Bug Tracking Tools:** JIRA
- **Monitoring Tools:** New Relic, PerfMon, CA Wily, CloudWatch, Grafana
- **Languages:** C, Java
- **Database:** SQL Server, Oracle
- **Operating System:** Linux (Ubuntu & RHEL), Windows Server 2012
- **Cloud:** AWS

Education

Completed Bachelor of Technology (B. Tech) in Computer Science & Engineering (CSE) with 1st Division from Uttar Pradesh Technical University (UPTU) during 2012-2016

Work Experience

Nagarro Enterprises (Staff Engineer: Jul 2022- Present): IT Services company

- Contributed to the development of an in-house Performance Testing framework.
- Provided guidance and training to junior engineers in performance testing.
- Conducted R&D for new performance testing tools.
- Led end-to-end performance testing for products of a client, the 2nd largest logistics company in the USA.
- Collaborated with cross-functional teams to ensure performance goals were met.

Meesho (SDE 3: Mar 2022- Jul 2022)- **Indian Ecommerce Company**

- Set up a mobile application performance testing framework.
- Established the environment for the application under test (AUT) on AWS.
- Conducted end-to-end performance testing for Ads and store-front org APIs.
- Monitored and performed performance tuning of application parameters.
- Conducted capacity planning and identified cost reduction opportunities for the AUT.

Publicis Sapient (Senior Testing Engineer: June 2021- Mar 2022): IT Services company

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- Managed overall infrastructure for the performance testing needs of the entire performance engineering COE team.
- Created workload models and tests for a healthcare client.
- Executed multiple types of performance tests (Load, Stress, Volume, and Endurance).
- Developed performance test scripts and executed tests for a USA-based e-commerce client.

Fidelity International (Performance Test Analyst: Dec 2019- June 2021): Investment management firm

- Migrated load runner-based performance test scripts to JMeter.
- Integrated multiple services into Jenkins for continuous testing.
- Analyzed infrastructure and database-related issues and recommended fixes.
- Conducted capacity planning for multiple tests.

QA Infotech (Performance Test Engineer: Jun 2016- Dec 2019) : IT Services company

- Developed utilities to automate complex tasks required for performance testing.
- Managed performance testing activities for a USA-based eLearning client.
- Scripted performance tests, executed tests, and generated reports.

Expertise

- Workload modeling and Capacity Planning, Benchmarking, Baseline Testing
- AWS-based testing setup using JMeter/DevOps
- Heap dump analysis
- Thread dump analysis
- Grafana Monitoring Setup
- APM Analysis
- UI and backend application performance testing
- Performance monitoring in testing and production environments
- Enhancing the capability of open-source tool JMeter
- Developed utilities to facilitate performance testing activities.
- Performance measurement for client, server, and database
- Familiarity with Agile software development and QA processes
- Proficient in tools such as PerfMon, Grafana, JVisualVM, Fiddler
- Test planning, test deliverables, and test outcome reporting
- Ability to work independently and as a member of global project teams.

Personal Details

- **Full Name:** Anurag Verma
- **Gender:** Male
- **D.O.B:** 24th Dec 1993
- **Nationality:** Indian
- **Hobbies:** Cooking, Music