Performance Test Engineer

Job Specific Duties & Responsibilities

- Create Performance Test Strategy document: define the approach, metrics, benchmarks, baseline, user response requirements, environments, toolsets & etc.
- Identify performance test scenarios with the support of stakeholders.
- Creating different load profiles.
- Create performance test scripts for various types of tests such as load, stress, duration/endurance & etc.
- Identifying required test data needs for performance runs.
- Run performance tests on distributed environments.
- Create and publish performance test results and recommendations.
- Support performance test estimations.
- Stay up to date with the latest performance tools, technologies and trends.
- Setting up a performance test framework and tool on a client's environment.
- Maintain and enhance performance test frameworks.

Requirement Competencies, Qualifications & Experience

- B.Sc. in Computer Science or related discipline or equivalent professional qualification.
- 2 - 3 years of experience in performance testing of complex applications
- Experience in designing performance test scripts and load profiles based on application functionality and usage patterns.
- Good experience with performance testing types: Load testing, Stress testing, Scalability testing, Spike testing, Volume testing, Endurance testing.
- Good knowledge and practical experience in JMeter/ LoadRunner/ Dynatrace or similar tools.
- Knowledge of load testing and performance testing concepts and methods.
- Experience identifying memory leakage, connection issues & bottleneck problems in various technologies and applications.
- Knowledge of Memory/DB profiling tools
- Knowledge and experience with SQL and relational databases, authentication scenarios
- Knowledge of infrastructure components (servers, network, load balancers, switches, firewalls, etc.)
- Solid understanding of throughput, latency, memory and CPU utilisation.
- Experience working with APM tools, such as New Relic or Grafana
- Demonstrated ability to effectively establish and maintain working relationships with all levels of the organisation
- Ability to self-learn and grasp the knowledge quickly
- Good analytical skills, troubleshooting and resolution skills
- Flexibility to Multitask and Shift Focus as needed