AKSHAY TAKRANI

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Career Objective

To work for an organization which provides me the opportunity to improve my skills and knowledge and to grow along with the organization objective.

Work History

Performance Engineer (Quality Assurance) – UST Global (Dec/2021-Current)

- Creating scripts for Performance Testing in JMeter to test the reliability and performance of servers.
- Conducting Load, Stress, Endurance and Scalability Test to check the performance of business-critical functionalities at peak user concurrency and volume.
- Monitoring the test in Grafana to check if there are any discrepancies observed.
- Verifying the graphs in Perfmon to analyze if the Infrastructure Utilization is indicating healthy trend or not.
- Workload model calculation for the applications with different types of tests and different number of users.
- Worked on Client-side Performance Analysis to analyze the performance of different applications from UI point of view.
- Working in a Chaos Engineering POD to intentionally create turbulent conditions for the applications in production.
- Experience in API Testing (SOAP/REST) with JMeter and Postman.
- Received Star of the Quarter and Pat on the Back award for my contribution to the project.

About Project

- **Domain** – Banking and Finance Services (BFS) | Team Size – 3
- **Project Details** – The project consists of two major applications for customers and clients. Various teams are responsible for maintaining the quality of the project like Performance, Automation and Manual QA team. The applications are responsible for transferring payments via multiple check processing through Virtual Scanner.
- **Tools used** – Apache JMeter, Grafana, Influx DB, Perfmon, Lighthouse, Web Page Analyzer.
- **Roles and responsibilities** – Creating JMeter scripts for various critical functionalities and to run the Load, Stress, Endurance and Scalability tests with huge load and simultaneously monitoring the execution flow via Grafana and then creating a report and sending it to the client. Observing if there are any performance bottlenecks during the test execution and recommending the solutions for the same.

Automation Engineer (Quality Assurance) – TCS (August/2018 – Dec/2021)

- Creating, fixing, and maintaining Automation scripts in UFT for various flows of a specific web-based application.
- Creating scripts for Performance Testing in LoadRunner to test the reliability and performance of servers.
- Strong understanding of HTTP/HTML protocol and web service protocol.
- Experience in Regression, Functional, Database, GUI and Performance Testing.
- Thorough understanding of all phases of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
- Having good database experience in SQL Server and MySQL.
- Having certification of Azure 900 by Microsoft.
- Having basic knowledge of Java + Selenium and CI/CD – Jenkins.
- Having certification of Lean Yellow belt.
- Completed the **ISTQB** certification from Seed Infotech Ltd.
- Successfully implemented a Process Improvement idea on how to save the time of people in the project.
- Working as a Crisis Management Lead for the project.
- Received Star of the Month award for my contribution to the project.

About Project

- **Domain** – Banking and Finance Services (BFS) | Team Size – 4
- **Project Details** – A banking project which consists of three major applications for customers and clients. Dedicated QA team is assigned for the project which performs automation, performance, and manual testing. These web-based applications are responsible for transferring and managing payments across the countries from one bank account to another. The end user application also supports features like ordering checks and plastic cards. These applications also have features to connect to third party applications for shopping like Amazon and Walmart. The customer service application addresses the issues faced by the customer.
- **Tools used** – HP Load Runner (VUGen, Analyzer), ALM, Storm Runner, ABAT, JIRA, UFT, SoapUI, Java, Selenium, Jenkins.
- **Roles and responsibilities** – Creation of LoadRunner scripts for different functionalities and scenarios and to run a performance test with huge load and parallel monitoring of the execution and sharing the observations with the client. Creation of Automation Scripts (based on VB) for different test cases written by manual team and analyzing the report for regression testing.

Technical Skill Set

- **Programming Languages and Database** – Core Java, VBScript, SQL.
- **Tools and Technologies** – Load Runner (VUGen, Controller, Analyzer), Storm Runner Load, UFT, Selenium WebDriver, HP ALM/QC, ABAT, JIRA, SoapUI, JMeter, Grafana, Influx DB, Perfmon, Google Lighthouse, Web Page Analyzer.