

SOURAV SAHA

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PROFILE SUMMARY

I am a Certified Software Quality Engineer with 3.8 years of experience specializing in Performance Engineering. Involved in the E2E Quality Assurance (QA) process, applying key Performance Engineering principles.

SKILLS

Performance Testing: JMeter, LoadRunner, BlazeMeter, Dynatrace, Prometheus and Azure Load Testing

Other Skills: Jenkins, Git, JIRA, STLC, Java, Agile, MongoDB, Grafana, Splunk, Docker and Kubernetes

WORK EXPERIENCE

Software Quality Engineer

2021-Present

Infosys Limited

Bengaluru, India

- Developed and executed **145+** test scripts for **D365 F&O, Oracle E-Business Suite (EBS)** and other web applications using **master-slave** configuration via **JMeter**, achieving a **15%** reduction in response times.
- Designed and implemented **90+** performance test scripts for **SharePoint 2019, SAP GUI, Oracle Mobile Supply Chain Applications (MSCA)** using **LoadRunner**, reducing performance issues by **20%**.
- Proficient in **Groovy & Beanshell** scripting and performance testing of **REST** and **SOAP** web services, **databases** via JDBC driver, **FTP** services, **messaging-oriented** services via JMS and **Google Lighthouse** reports.
- Leveraged **Azure** for **Stress, Endurance, and Load Testing**, incorporating **Dynatrace** for **multi-tier architecture** application monitoring, resulting in improved **scalability** and identification of slow **SQL** queries.
- Conducted **API** performance testing using **JMeter**, improving API performance by **25%**.
- Monitored resource usage and performance metrics using Dynatrace during load testing of containerized environments deployed via **Kubernetes**, resulting in Identified performance bottlenecks and leading to a 30% improvement in response times under peak load.
- Integrated **JMeter** with **Jenkins**, automating the execution of **18** test scripts in **Continuous Integration/Continuous Deployment (CI/CD)** pipeline, resulting in continuous performance evaluation.
- Collaborated with **Client, Business Analysts & Developers** and gathered **NFRs**, defined performance test strategies, designed **workload** models, fine-tuned applications and provide detailed test feedback.
- Analyzed application behavior using **Key Performance Indicators (KPIs)** to identify **performance bottlenecks** root cause, **recommend remediation strategies**, and generate comprehensive **Performance Test Reports**.

PERSONAL PROJECT

JPetStore -- Ecommerce Project (JMeter)

- Identified **11 business-critical scenarios** and developed **performance testing scripts** using **JMeter**.
- Integrated **Prometheus and Grafana** for real-time monitoring and conducted **Load, Stress, and Endurance Testing** using a **Master-Slave Configuration**, successfully detecting **15+ performance issues**.
- Documented **performance bottlenecks** and compiled **detailed test reports** for each test run, providing actionable insights for optimization.
- GitHub Portfolio: [JMeterProject](#)

CERTIFICATIONS

- Infosys Certified JMeter Performance Tester, Infosys
- Infosys Certified Dynatrace Associate, Infosys
- Infosys Certified DevOps Professional, Infosys

EDUCATION

University of Engineering and Management, Kolkata - West Bengal
Bachelor of Technology (B. Tech.)

2017-2021