Sakthignanesh K

Results-driven Performance Test Engineer with 4 years of experience in conducting comprehensive performance testing for web applications. Proven ability to develop and implement strategies that ensure system stability and reliability. Committed to delivering high-quality results and driving operational excellence.

Contact

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Work Experience

Performance Test Engineer, Insurance Domain , Cognizant Technology Solutions

Nov 2023 - Present

- Independently leading end to end performance testing of API migration project.
- Proactively working with business and application team in gathering Non - Functional Requirements (NFR) including response time SLA , target throughput , and failure criteria.
- Designed and executed load test in Azure Load Test (ALT) integrating with CICD pipeline using JMeter and GitHub actions.
- Executed the scalability test for the java API application.
- Organizing meetings with business and Dev to address performance issues.

Performance Test Analyst, Insurance Domain , Cognizant Technology Solutions

Apr 2023 - Nov 2023

- Worked with project stakeholder for requirement gathering and developed traversal flow and articulated the test plan.
- Conducted performance testing on multiple applications, identified and reported performance bottlenecks.
- Created virtual user scripts using web / webservice protocol in LoadRunner and optimized multi - user performance test scripts in Virtual User Generator..
- Analyzed test results and provided recommendations in the performance test report..

Performance Tester, Insurance Domain, Cognizant Technology Solutions

Nov 2020 - Apr 2023

- Supported and developed in test script creation across multiple applications using LoadRunner and designed workload distribution to execute smoke and load test.
- Configured scenarios in Performance Center and monitored and analyzed TPS, throughput, and response time graphs during tests and used Dynatrace for server monitoring and log analysis..

Educational Background

Bachelor of Technology (Information Technology)

M.Kumarasamy College of Engineering, Karur.
Jun 2016 - May 2020

- CGPA - 7.6

Skills

Technical Skills

- Load test
- Smoke test
- Scalability test
- Azure Load Test

Certification/Short Courses

- Tricentis Neo Load Fundamentals - Testing application performance.

Performance Testing Tools

- JMeter
- Tricentis Neo Load
- HP Loadrunner
- Performance Center/Controller.

Other Tools

- Fiddler
- GitHub
- Postman
- Dynatrace

Additional Information

- Served as end to end performance testing engineer.
- Completed **Digital Honors program and promoted to the role of NFT Performance Engineer**

Languages

- English (Fluent)
- Tamil (Fluent)
- Japanese (Proficient)