



SUMMARY

I am a seasoned engineer with over 13 years of experience in enhancing system performance and reliability for global clients. I lead non-functional engineering initiatives, including performance optimization and chaos engineering, to improve efficiency and reduce costs. I have a proven track record in managing complex engineering projects and integrating innovative technologies to drive significant results.

CORE COMPETENCIES

- Strategic Planning:** Expertise in drafting Statements of Work (SoWs) and providing ROM estimates, coupled with designing comprehensive performance testing roadmaps to ensure on-time and efficient project delivery
- Non-Functional Requirements Analysis:** Adept at translating complex business non-functional requirements (NFRs) into clear, actionable performance test objectives, ensuring robust alignment with business and technical goals
- End-to-End Test Strategy and Execution:** Skilled in developing, managing, and executing full-cycle performance test strategies, including test plans, scripts, and workload simulations to ensure system reliability and scalability
- Performance Testing Protocols:** Extensive experience with protocols essential for performance testing, including Web (HTTP/HTTPS), REST APIs, SOAP, Web Services, SAP Web, Microservices, Seibel, Mobile, TruClient, and .NET
- Cross-Functional Collaboration:** Proven ability to work seamlessly with internal teams, third-party vendors, and clients to drive flawless execution of performance tests within continuous development cycles
- Stakeholder Engagement and Reporting:** Strong experience in collaborating with program managers and stakeholders to outline test activities, provide clear risk assessments, and report on mitigation strategies throughout the project lifecycle
- Chaos Engineering and Resilience:** Proficient in leading chaos engineering initiatives to simulate real-world system failures, uncover vulnerabilities, and enhance system resilience through systematic refinement
- Agile Project Management:** Effective use of JIRA for tracking project progress, managing issues, and driving timely resolution of defects to ensure seamless integration with Agile development frameworks
- In-Depth Performance Analysis:** Expertise in conducting load, stress, and failover tests, along with in-depth system monitoring, heap/thread dump analysis, and detailed root cause analysis to optimize performance
- Technical Communication and Insights:** Skilled in preparing and delivering detailed performance reports, translating technical findings into actionable recommendations for stakeholders across technical and non-technical teams
- Cloud and SaaS Optimization:** Proven experience in optimizing performance across leading cloud platforms, including Azure, AWS, GCP and Salesforce, ensuring optimal scalability, resource efficiency, and operational resilience
- Migration Testing:** Comprehensive experience in managing non-functional testing for lift-and-shift migration projects, ensuring seamless transitions across platforms like Red Hat OCP, Kubernetes, AWS, and GCP
- Advanced Tool Evaluation and Integration:** Expertise in evaluating and integrating cutting-edge performance monitoring tools to drive continuous improvement in test efficiency and system health tracking
- Leadership and Team Development:** Demonstrated ability to lead, coach, and mentor cross-functional teams, fostering an environment of continuous learning and driving the adoption of innovative testing tools and methodologies
- Client Engagement:** Extensive experience collaborating with high-profile clients such as Daimler, Johnson Controls, Marsh, Travelport, and FedEx across diverse industries, including manufacturing, insurance, travel, healthcare, and retail/logistics
- CI/CD Integration:** Integrated LoadRunner, JMeter, Locust and Chaos experiments with Jenkins/Gitlab pipelines, enhancing the speed and accuracy of continuous testing processes. Developed and managed real-time Grafana dashboards to track test executions, critical server metrics and detailed test reports

TECHNICAL SKILLS

Performance Testing Tools	LoadRunner, Apache JMeter, Neoload, Locust, BlazeMeter
Chaos Engineering Tools	Chaos Toolkit, Custom Python Libraries/Code
Application Performance and System Monitoring	AppDynamics, Dynatrace, New Relic, Splunk, Kibana, Prometheus, Grafana, Wily Introscope, PerfMon, VMware vSphere, Linux Utilities
Debugging and Profiling	Dynatrace (Hotspots and PurePath), Heap Dump, Thread Dump, JProfiler, VisualVM, SQL Profiler, ANTS Profiler, Fiddler, WireShark
Cloud and Containerization	GCP, AWS, Azure, HashiCorp Nomad, Kubernetes, Red Hat OCP
Project Management and CI/CD Tools	JIRA, Confluence, SharePoint, Jenkins, Gitlab
Programming Languages and Scripting	C/C++, Java, Python, Shell, Javascript
Databases, Data warehouses and OS	Oracle, MySQL, PostgreSQL, Couchbase, SAP HANA, BigQuery, Windows, UNIX, LINUX

EXPERIENCE



Lead Chaos and Performance Engineer

Behavox

📅 05/2023 – Present 📍 Remote, India

- Identifying performance, chaos, and other non-functional requirements to align testing with business objectives
- Design & conduct comprehensive performance tests & controlled chaos experiments, revealing critical system vulnerabilities
- Led cross-functional teams in design & implement comprehensive performance testing strategies for enterprise applications
- Created a Python framework to conduct end-to-end (E2E) performance testing of the application
- Created test scripts and executed performance tests to validate LLMs, ensuring product scalability and efficiency
- Oversee chaos experiments in controlled settings to evaluate system behavior, pinpoint vulnerabilities, and assess resilience
- Monitor real-time data during tests to analyze system responses and ensure robust performance metrics
- Implement automated chaos experiments within CI/CD pipelines, enhancing testing efficiency and system reliability
- Delivered detailed technical reports and presentations to stakeholders, translating complex data into actionable insights



Lead Performance Engineer

Amdocs

📅 07/2021 – 05/2023 📍 Remote, India

- Collect and analyze performance and other non-functional requirements to ensure comprehensive test coverage
- Craft a detailed performance test plan and workload model to simulate real-world usage and load scenarios
- Develop and assess performance test scripts for adherence to functional specifications and scripting standards
- Generate and refine test strategy documents to align testing activities with project goals
- Evaluate the technical components of applications to assess performance capabilities
- Conduct performance tests to identify and address potential bottlenecks and issues, enhancing system efficiency
- Deliver comprehensive performance summaries to stakeholders, providing actionable insights and recommendations



Lead Performance Engineer

Infosys Limited

📅 07/2018 – 07/2021 📍 Pune, India

- Conducted detailed performance analysis, including load, stress, and endurance testing, to identify system bottlenecks
- Mentored junior engineers, fostering a collaborative team environment focused on continuous learning & development
- Directed performance testing activities, ensuring adherence to timelines and quality standards
- Coordinated with managers, stakeholders, & clients to ensure testing activities were aligned with business objectives & timelines



Senior Performance Engineer

Larsen & Toubro Infotech Limited

📅 04/2017 – 07/2018 📍 Pune, India



Performance Test Engineer

IGT Solutions

📅 09/2015 – 03/2017 📍 Gurgaon, India



Performance Test Engineer

Allscripts

📅 11/2014 – 09/2015 📍 Pune, India



Performance Test Engineer

Syntel

📅 01/2012 – 10/2014 📍 Pune, India

CERTIFICATION

Certified ScrumMaster®

Scrum Alliance Feb 2025

Neotys Certified Professional for Neoload

Neotys Issued Jul 2019

Splunk Certified User 6.x

Splunk Issued Sep 2017

Microsoft Certified Azure Fundamentals

Microsoft Issued Oct 2019

New Relic Certified Performance Pro

New Relic Issued Jun 2019

EDUCATION



Bachelor of Technology in Computer Engineering

LIET, Rajasthan Technical University

📅 08/2007 – 07/2011 📍 Rajasthan, India