



Professional Summary

Seasoned engineer with over 12 years of expertise in enhancing system performance, efficiency and resilience for diverse global clients. Proven track record in leading non-functional engineering initiatives, including performance optimisation and chaos engineering, to reduce costs, improve efficiency, and enhance system reliability. Proficient in integrating innovative technologies and managing complex engineering projects to drive significant improvements



Key Skills

- **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 & 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 & Reporting:** Strong experience in collaborating with program managers & stakeholders to outline test activities, provide clear risk assessments, & report on mitigation strategies throughout the project lifecycle
- **Chaos Engineering & 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 optimise performance
- **Technical Communication & Insights:** Skilled in preparing and delivering detailed performance reports, translating technical findings into actionable recommendations for stakeholders across technical and non-technical teams
- **Cloud & SaaS Optimization:** Proven experience in optimising 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 & Integration:** Expertise in evaluating and integrating cutting-edge performance monitoring tools to drive continuous improvement in test efficiency and system health tracking
- **Leadership & 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
- **Notable Achievements:**
 - Led successful on-site project initiation and setup in Germany
 - Integrated LoadRunner and JMeter with Jenkins CI/CD pipelines, enhancing the speed and accuracy of continuous testing
 - Developed and managed real-time Grafana dashboards to track test executions and critical server metrics



Technical Skills

- **Performance Testing:** Micro Focus/HP LoadRunner, Neoload, StormRunner, Apache JMeter, Locust
- **Chaos Engineering:** Chaos Toolkit, Custom Python
- **Application and System Monitoring:** AppDynamics, Dynatrace, Splunk, Kibana, New Relic, Grafana, Prometheus, Wily IntroScope, VMware vSphere, IBM Tivoli, Apache Ambari, PerfMon, WireShark, Fiddler
- **Performance Analysis:** Dynatrace Hotspots & Pure paths, JProfiler, Visual VM, SQL Profiler, ANTS profiler
- **Project Management & CI/CD:** Jenkins, JIRA, Confluence, Gitlab
- **Cloud & Containerization:** Red Hat OCP, Kubernetes, Azure, AWS, GCP, Nomad
- **Programming Languages:** C/C++, Java, Python

- **Databases and Operating Systems:** Oracle, SQL Server, MySQL, Windows, UNIX/LINUX



Professional Experience

- **Lead Chaos and Performance Engineer** **May 2023 – Present**
Behavox – Remote
 - Identifying performance, chaos, and other non-functional requirements to align testing with business objectives
 - Design and conduct comprehensive performance tests and controlled chaos experiments, revealing critical system vulnerabilities
 - Led cross-functional teams in designing and implementing comprehensive performance testing strategies for large-scale 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 behaviour, pinpoint vulnerabilities, and assess resilience
 - Monitor real-time data during tests to analyse 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** **July 2021 – May 2023**
Amdocs – Remote, India
 - Collect and analyse 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, including web and application servers, microservices, and databases, 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** **July 2018 – July 2021**
Infosys Limited – Pune, India
 - Conducted detailed performance analysis, including load, stress, and endurance testing, to identify system bottlenecks
 - Mentored and coached junior performance engineers, fostering a collaborative team environment focused on continuous learning and development
 - Directed performance testing activities, ensuring adherence to timelines and quality standards
 - Coordinated with program managers, stakeholders, and clients to ensure testing activities were aligned with business objectives and timelines
- **Senior Performance Engineer** **April 2017 – July 2018**
Larsen & Toubro Infotech Limited – Pune, India
- **Performance Test Engineer** **September 2015 – March 2017**
InterGlobe Technologies – Gurgaon, India
- **Performance Test Engineer** **November 2014 – September 2015**
Allscripts – Pune, India
- **Performance Test Engineer** **January 2012 – October 2014**
Syntel(Now known as Atos Syntel) – Pune, India



Certifications

- Microsoft Certified Azure Fundamentals – **2019**
- Neotys Certified Professional for Neoload – **2019**
- New Relic Certified Performance Pro – **2019**
- Splunk Certified User 6.x – **2017**



Education

- B. Tech in Computer Engineering with 67.61% from LIET, Rajasthan Technical University, Kota | **August 2007 – July 2011**