PRAMOD MAHANT

SENIOR PERFORMANCE ENGINEER

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PROFILE SUMMARY

Innovative Performance Testing and Engineering professional with 10 years of experience solving complex performance challenges for enterprise applications in Agile and DevOps environments. Expert at diagnosing system bottlenecks and root causes through advanced performance analysis, and designing targeted test strategies that enhance scalability, stability, and user experience. Skilled in leveraging automation and cloud-based tools to simulate real-world conditions and proactively identify potential issues before production. Proven track record of collaborating cross-functionally to integrate continuous performance testing into CI/CD pipelines, ensuring reliable software delivery. Dedicated problem solver passionate about turning performance insights into actionable solutions that drive system optimization and business success.

SKILLS

- **Performance Tools**: JMeter, LoadRunner
- **Advanced Diagnostics**: Heap dump analysis, Thread dump analysis, GC log analysis, Profiling tools(VisualVM, Eclipse MAT)
- **Monitoring & APM**: AppDynamics, Dynatrace, Grafana, Prometheus, Splunk
- **Architectures**: Microservices, APIs (REST/SOAP), Kafka, ElasticSearch
- **Cloud & DevOps**: AWS, GCP, Jenkins, Git, InfluxDB
- **Programming**: Java, Python, SQL
- **Collaboration & Leadership**: Cross-functional troubleshooting, mentoring, Agile/Scrum

PROFESSIONAL EXPERIENCE

Netcracker Pvt. Ltd. | Senior Performance Validation Engineer | Apr 2022 – Present

- Developed and executed **comprehensive performance strategies** for enterprise applications, aligning with NFRs, SLAs, and customer KPIs.
- Built **automated test scripts** using JMeter & LoadRunner; created **load models and test scenarios** aligned to production-like conditions.
- Performed heap dump & thread dump analysis to find the bottleneck of the performance issue, provide actionable insights to Dev team.
- Defined test environment, monitoring plans and hardware sizing recommendations for scalability.

- Delivered Performance Test Reports with root cause analysis, findings and optimization recommendations

Qualys Security Pvt. Ltd. | Senior Performance QA Engineer | Mar2020 – Apr 2022

- Conducted **performance and scalability testing** for security products using **Jmeter** and **AppDynamics**.
- Built and maintained automated performance tests within **CI/CD pipelines (Jenkins)**.
- Monitored **GC behavior, memory leaks, CPU/memory usage** and suggested optimizations.
- Contributed to **production performance analysis** and validated fixes in performance environments.
- Ensured readiness through **detailed performance reports**, metrics validation, and KPIs tracking.

Amdocs Development Centre Pvt. Ltd. | Senior Test Engineer – Performance Sep 2018 – Mar 2020
- Executed **complex performance scenarios** in **BSS/OSS systems** using JMeter & LoadRunner.
- Configured **Grafana dashboards** to visualize test outcomes and detect bottlenecks.

QualityKiosk Technologies Pvt. Ltd. | Senior Test Engineer – Performance | May 2015 – Aug 2018
- Delivered performance testing for clients in BFSI using **Loadrunner and Dynatrace**.
- Focused on **CPU**, **Memory utilization**, and **DB tuning**.
- Developed internal tools/utilities using Java to automate performance test reporting.
- Played a key role in **test environment setup** and **data management**.

EDUCATION
Bachelor of Engineering – Electronics & Telecommunications Nagpur University, 2013