Abhishek B V

✉ abhishek.bv824@gmail.com | 📞 +91 8548003610

[LinkedIn] (https://www.linkedin.com/in/abhishekbv824/) | [GitHub](https://github.com/shek510/abhishekBv)

Site Reliability Performance Engineer

- ➢ Experienced Performance Engineer with over 3 years of expertise in end-to-end performance testing, application scalability, monitoring, and automation, specializing in eCommerce SCM.
- ➢ Skilled in designing robust testing frameworks and collaborating with cross-functional teams to ensure optimal application performance and reliability.
- ➢ Proficient in identifying application bottlenecks through log analysis and monitoring key performance metrics.
- ➢ Adept at producing detailed reports with actionable performance insights for production and future testing.
- ➢ Dedicated to implementing best practices for swiftly analyzing application logs and database performance to resolve production bottlenecks.
- ➢ Recommending optimal hardware sizing for applications to achieve expected throughput in production, ensuring a seamless and customer-friendly experience.
- ➢ Analyze application bottlenecks using JFR by profiling threads with high response times, delving into the codebase to identify and resolve time-consuming operations.
- ➢ Proficient in comprehending the business functionality of applications and collecting non-technical insights to design a robust workload model.

Core Skills

- ➢ Performance Testing Tools: Apache JMeter, Web Script Recording.
- ➢ Monitoring and Profiling: Grafana-Influx DB, ELK, AppDynamics, JFR, GC Easy, AWR
- ➢ Database: MySQL, MongoDB
- ➢ Platforms & Protocols: Windows, Linux, Kubernetes; HTTP/HTTPS
- ➢ Programming: Python, JavaScripting (beginner)
- ➢ Collaboration: Agile Methodology, Cross-Team Communication

Professional Experience

Site Reliability Performance Engineer   December 2022 - Present
Jio Platforms Pvt. Ltd. Karnataka

- ➢ Own the end-to-end performance aspects of various supply chain management services, from the design phase to production monitoring and bug resolution, ensuring seamless operation and reliability.
- ➢ Designed and implemented automated performance testing scripts for high-traffic applications, monitored critical metrics using Grafana and AppDynamics, and resolved production issues by analyzing ELK logs for high response times, error transactions, and creating actionable dashboards.
- ➢ Monitored production applications by analyzing server utilization, heap memory usage, and CPU load to ensure optimal performance and resource allocation.

- Conducted testing for applications migrating from standalone environments to Kubernetes, recommended appropriate resource sizing, and contributed to implementing probe settings to ensure optimal pod health and stability.
- Developed a workload model for TIBCO, Kafka, and API calls, diagnosed performance issues through access/application logs, JFR, Strace, AWR reports, and applied SRE best practices to address and mitigate the challenges.
- Reviewed AWR reports to identify slow-performing queries and missing indexes, and implemented the required indexes to optimize query cost and cardinality, improving overall application performance.
- Supported production issues during high-sales periods, focusing on critical areas to ensure smooth operations and minimize disruptions.

Performance Engineer   October 2021 - November 2022
ACL Digital Pvt. Ltd. Bangalore

Worked for: Jio Platforms Pvt. Ltd.

- Developed end-to-end performance test scripts for applications like Netmed Integration, Refund Service, and OSM.
- Conducted load tests, analyzed logs, and prepared detailed performance reports for stakeholders.
- Familiarized myself with the business functionality of the applications to ensure effective technical support and alignment with organizational objectives.
- Collaborated with development teams to fix application issues and enhance system performance.

Key Achievements
- Recognized as MVP (Most Valuable Performer) in the SCM department at Jio Platforms Pvt. Ltd.

Education
Bachelor of Engineering in Electronics and Communication (2020) from Bahubali College of Engineering.