

Malikka Santamour

Software Performance Engineer

Profile

I am a Software Performance Engineer with over two years of experience in developing, testing and optimizing software applications. My expertise lies in using performance engineering and testing processes to ensure applications and systems meet performance requirements. I have a deep knowledge of performance engineering methods and process including protocol analysis, system analysis, stress testing and load testing. I have experience creating performance test plans, developing load and performance test cases, executing tests and analyzing results. My strong analytical and problem-solving skills have allowed me to identify and recommend solutions to improve system performance. I have excellent communication skills, enabling me to effectively collaborate with developers and other stakeholders to ensure successful performance testing.

Employment History

Senior Software Performance Engineer at Google, NE

Nov 2022 - Present

- Optimized the performance of Google's web services platform by 15%, resulting in a 10% reduction in latency and improved page load times.
- This was achieved through analyzing system logs, identifying bottlenecks, writing scripts to automate common tasks, creating custom metrics for tracking progress over time and implementing changes accordingly.
- Developed an automated alerting system that reduced incident response time from 4 hours to 30 minutes by leveraging existing monitoring tools such as Splunk and Graphite with Python scripting language. This enabled quick resolution of service outages before they affected customers significantly reducing customer complaints about slow speeds or unresponsive applications/websites.
- Designed a logging framework which collected data at scale across different systems enabling faster troubleshooting when issues arise; this resulted in 25% improvement on debugging efficiency compared previous methodologies used within the organization.

Software Performance Engineer at Microsoft, NE

Aug 2021 - Oct 2022

- Improved system performance by 30% through optimization of software code and database queries, reducing latency issues for customers in the Northeast region.
- Developed a suite of automated testing tools that enabled engineers to quickly identify security vulnerabilities within their applications prior to deployment. This led to an improved response time from 5 hours down to 10 minutes when addressing any issue found during QA tests.
- Implemented proactive monitoring processes for more than 50 Microsoft products across multiple platforms, resulting in increased customer satisfaction due to fewer incidents related with application crashes or slowdowns caused by inadequate hardware resources allocation.

Details

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Links

[linkedin.com/in/malikkasantamour](https://www.linkedin.com/in/malikkasantamour)

Skills

System Performance Tuning

Load Testing

Monitoring Tools

Capacity Planning

Automation Scripting

Debugging and Troubleshooting

Database Optimization

Languages

English

Dutch

Hobbies

Video Gaming

Woodworking

Birdwatching