Shreeram Vaidhyanathan

Consultant · Software Engineer

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Summary

7+ years of experience · Potential knowledge on Performance Engineering and Service Virtualization · Experienced in DevOps tools · Interested in developing salable Decentralized Applications · OSS Contributor ·

Experience

Wipro - Walmart   *Bentonville, United States*
Associate Consultant   *Feb. 2015 - Present*

- Responsible for performance engineering, innovation and service virtualization with managing offshore teams.
- Developed utilities for data creation, Log analysis, Database Backup, Check instance availability, Environment Setup using Shell and PowerShell.
- Created personalized application using Python Flask to display resource utilization graph of Application server and Database server.
- Experienced in JMC, JConsole, VisualVM, JProfiler to identify JVM bottlenecks and tuning JVM parameters for better performance.
- Analyzed thread dumps to find the blocked threads or the methods causing high resource consumption and also optimized SQL reduce the resource consumption on database. Integrated monitoring solutions with CICD platform using Jenkins, Ansible and Shell.

Wipro - Walmart   *Bangalore, India*
Performance Engineer   *Jan. 2013 - Feb. 2015*

- Responsible for engineering Integration system which majorly communicated with IBM messaging Queues and Brokers
- Created a Messaging framework in Java to posting messages to any Messaging queue.
- Saved revenue by implementing HP BAC monitoring solution to identify application outages or issues and alert the Support team.
- Monitored application cluster with Gateway queue performance and suggested queue depth, maxmsgl for better TPS of Message Brokers.

Wipro - Allstate   *Chennai, India*
Performance Analyst   *Jan. 2012 - Dec. 2013*

- Enterprise document management system was responsible for searching, storing and uploading larger files.
- Analyzed the stability and engineered the system to handle the disaster with various CA LISA suites and real-time scenarios.
- Two generations of Scheduler which feeds our crawler with the right urls every day.
- Monitored instances of TIBCO, TPS of messages and resource utilization with TIBCO Administration and TIBCO HAWK.
- JVM were monitored and performance issues like Less thread count, Low queue size, High memory usage were spotted.

Wipro - Nike   *Chennai, India*
Software Engineer   *Jul. 2011 - Jan. 2012*

- Actively involved in Web UI optimization of NIKE's Digital Commerce's sites with HttpWatch, Yslow, Visual Route and Gomez. Also, Analysis of server network with SAR, TOP, VMSTAT, NMON, TRACERT, PINGUTIL and PERFMON

Skills

Performance Tools	Loadrunner, Jmeter, Appdynamics, Wireshark
Programming	Python, Node.JS, Java, Go
Scripting	Shell, Powershell, Javascript
Devops	Jenkins, Docker, Ansible, Linux

Talks

Open Projects

Jun. 2017 **Gender and Feature detection for Product suggestion - Python,** Walmart - Hackathon   *Github | About*
May. 2017 **Sentiment Analyzer for Trend Analysis - Python,** Open Source - Hackathon   *Github | About*

Conferences

Apr. 2018 **Oogway server for service virtualization @Walmart,** Innovations, Bentonville   *Slides | About*
Mar. 2011 **Phishing detection using Genetic Algorithm @SASTRA,** IEEE INSPEC 11745362, India   *Slides | About*