Shreeram Vaidhyanathan

Staff Engineer

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Summary

12+ years of experience · Potential knowledge on Site Reliablity Engineering, Observability, Performance Engineering and Service Virtualization · Experienced in DevOps tools · Interested in developing scalable Decentralized Applications · OSS Contributor ·

Experience

Walmart Labs *Bentonville, United States*

Staff Engineer *Jun. 2019 - Present*

- Product owner for the tool-kit that manages and reduces the TechDebt, found in all the Walmart applications
- Responsible for designing and implementing solutions to improve the Site Reliability, Infrastructure Resiliency, Security and Data Availability.
- Experienced in monitoring/supporting Tomcat, Kafka, IBM MQ and other large-scale distributed systems.
- Maintain services in production environments by measuring and monitoring availability, latency, and overall system health.
- Participate in on-call rotation with ability to debug, optimize code and automate routine tasks.

Wipro - Walmart Stores *Bentonville, United States*

Lead Engineer *Feb. 2015 - May 2019*

- Responsible for Performance Engineering, Innovation, Service Virtualization and managing offshore teams.
- Developed utilities for data creation, Log analysis, Database Backup, Check instance availability, Environment Setup
- Created application using Python Flask to display resource utilization graph of Application server and Database server
- Optimized SQLs, Integrated logstash, elastic search and graylog to monitor and notify the stats of informix engine

Wipro - Walmart *Bangalore, India*

Associate Consultant *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 - Nike, Allstate *Chennai, India*

Performance Analyst *Jul. 2011 - Dec. 2013*

- 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
- Enterprise document management system was responsible for searching, storing and uploading larger files.
- Monitored instances of TIBCO, TPS of messages and resource utilization with TIBCO Administration and TIBCO HAWK.

Skills

Tools	Elastic Search, Appdynamics, DynaTrace, Wireshark
DevOps	Git, Jenkins, Travis CI, Ansible, Docker, Kubernetes
Lang	Python, Golang, Rust, Haskell, Clojure
UI/UX	React, Bootstrap, Electrode

Talks

Open Projects

Jun. 2019	**Prebinder - Won the Pandashack Hackathon - Python,** Microsoft - Hackathon	*Github* | *About*
Jul. 2018	**Jmeter Plugin for Slack Integration with Apps and Webhooks - Java,** Open Source	*Github* | *About*
May. 2018	**Executor Service for Operating System as Service - Java,** Open Source	*Github* | *About*
Jun. 2017	**Gender and Feature detection for Product suggestion - Python,** Walmart - Hackathon	*Github* | *About*
Mar. 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*