

Shreeram Vaidhyathan

STAFF ENGINEER

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Summary

13 years of experience · Potential knowledge on Site Reliability 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 - Jan. 2024

- Designed and implemented solutions to enhance Site Reliability, Infrastructure Resilience, and Data Availability.
- Acted as product owner for Techdebt and SRE-Gate, successfully managing and reducing technical debt within the Walmart codebase.
- Spurred the development of the Incident Portal and WARN Gate, providing a comprehensive health view and gating the deployments on events.
- Drove multiple initiatives to enhance Opex, including F5 Observability, Splunk Optimization, SRE Grafana, SREBot, and Project Blue design.
- Actively participated in on-call rotation for store-based incidents and automated routine tasks to streamline operations.

Wipro - Walmart Stores

Bentonville, United States

LEAD ENGINEER

Feb. 2015 - May 2019

- Led and managed initiatives in Performance Engineering, Innovation, and Service Virtualization. (with onsite and offshore resources)
- Developed utilities for data creation, log analysis, database backup, instance availability check, and environment setup.
- Designed applications to track performance and user metrics in GIF system.
- Integrated ELK to monitor and receive notifications on the stats of Informix engine and other distributed systems.
- Contributed to open-source projects including app-mon, executor service, and slack-plugin-jmeter.

Wipro - ASDA, eIC Intg.

Bangalore, India

ASSOCIATE CONSULTANT

Jan. 2013 - Feb. 2015

- Engineered middlewares such as Tomcat and Order Management System with IBM messaging Queues/Brokers.
- Developed a messaging framework for posting messages to any messaging queue to identify queue depth and max message length.
- Implemented HP BAC monitoring solution to identify application outages and alert the support team, saving revenue.
- Monitored application cluster and suggested improvements for better TPS of Message Brokers.

Wipro - Nike, Allstate

Chennai, India

PERFORMANCE ANALYST

Jul. 2011 - Dec. 2013

- Optimized web UI for NIKE Digital Commerce's sites using various performance analysis tools.
- Performed Tuned HTTP over SOAP service for the Enterprise Document Management System.
- Monitored TIBCO instances, message TPS, and resource utilization using TIBCO Administration and TIBCO HAWK.

Skills

Lang Python, Golang, Rust, Javascript, Bash

DevOps Git, Jenkins, Travis CI, Docker, Kubernetes

Observability TICK, ELK, Appdynamics, Prometheus, Wireshark

UI/UX Bootstrap, Flutter, React

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](#)