NaveenKumar Namachivayam

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SUMMARY

Seasoned performance engineer with 14+ years of experience in architecting, designing and development of application & microservices & infrastructure automation, performance and CI/CD solutions. Built continuous validation pipelines in conjunction with Continuous Integration, Delivery and Deployment for UI and APIs. Experience in leading and managing teams with varying size from 5 to 20+ in implementation and BAU projects across geographies.

I am a T-Shaped learner who love to break stuffs, analyze why it broke and automate the repeated tasks. I am an avid blogger and content creator. I run a blog and YouTube channel called QAInsights where I publish articles and videos about performance engineering, observability and testing trends and tools. The followers across multiple socials are 20000+ and growing.

I regularly contribute to open source in GitHub, please check github.com/qainsights.

Recent Accomplishments:

- Developed a Python utility to convert JSON objects to Kubernetes secrets which reduced the deployment time by ~10%.
- Detected the memory leak issue, helped development team to fix it before deploying it to production

CERTIFICATIONS

Certified Kubernetes Application Developer
The Linux Foundatation · 2020

Gremlin Certified Chaos Engineering Practitioner
Gremlin · 2021
Chaos Engineering

AWS Solution Architect Associate
AWS · 2018

LoadRunner v12.5 Certified Professional
Micro Focus · 2020

Apache JMeter Pro
Blazemeter · 2020

Neotys Certified Professional for NeoLoad
Neotys · 2020

Scrum Master Accredited Certification
International Scrum Institute · 2016

SKILLS

DevOps: Ansible, Docker, Kubernetes, Rancher, GitHub Actions

APM and Observability: Dynatrace, New Relic, Jaeger, ELK, Prometheus, Grafana, Gremlin

Tools and Solutions: LoadRunner Professional, JMeter, NeoLoad, Locust, k6, Postman, SOAPUI, VisualVM, JMC, Eclipse MAT

Protocols: HTTP(S), Web Services, TruClient, DevWeb

Languages: JavaScript (Intermediate), Bash (Intermediate), Python (Advanced), Go (Beginner)

Cloud Technologies: AWS, Kubernetes, Docker

OS: Windows, Linux

EXPERIENCE

Performance Engineer and DevOps Architect
Ascendum Solutions   July 2019 – Present, Cincinnati, Ohio
· Architecting multiple automation, development, deployment, containerization and container orchestration tools
· Performance testing and engineering using NeoLoad and Dynatrace.
· Automated the CI/CD pipeline by integrating the NeoLoad with TeamCity

· Maintaining stage environment and NeoLoad infrastructure.
· Analyzing production performance using Dynatrace, Kibana, and Grafana.
· Designing and running Chaos experiments using Gremlin

Performance Architect and DevOps Lead
Kaplan   **April 2019 – July 2019, New York, New York**
· Performance testing and engineering using JMeter and New Relic
· Developed deployment automation across multiple environments
· Implemented JMeter and RedLine13 in AWS for a seamless integration with DevOps.
· Maintaining stage environment and JMeter infrastructure for distributed load testing.
· Production Logs Monitoring and Analysis using New Relic.
· Test Automation using Selenium scripts

Performance Test Lead and Architect
Infosys Limited   **January 2016 – April 2019, Chicago, Illinois, United States**
· Architect, design, and implement frameworks to support Automation and Performance Testing and Engineering
· Designed workload models.
· Scripting and scenario designing by understanding various business requirements
· Test execution and monitoring.
· Infrastructure validation.
· Test Automation using in-house framework

Performance Test Analyst
Infosys Limited   **June 2014 – January 2016, Chicago, Illinois, United States**
· Performance test plan design
· Test scripting and maintenance
· Test execution and result analysis
· Providing recommendations.

Performance Test Engineer
Infosys Limited   **April 2008 – June 2014, Mysore, Karnataka**
· Creation of performance test plan.
· Creation of test scripts and enhancement of scripts.
· Execution of tests and analysis of results.
· Strong skills in identify bottlenecks and giving recommendations.

Test Engineer
Infosys Limited   **September 2006 – March 2008, Trivandrum**
· Test Automation using QTP (UFT)
· Regression testing
· Built automation framework to test the web applications.

EDUCATION

Data Science: Scientific Computing and Python for Data Science
WorldQuant University · 2019 – 2019 · Honors

MA: Political Science & Public Administration
Bharathiar University · Coimbatore, Tamil Nadu, India · 2008 – 2010

BSc: Applied Sciences
PSG College of Technology · Coimbatore, Tamil Nadu, India · 2003 – 2006

Higher Secondary
Devanga High School · Coimbatore, Tamil Nadu, India · 1991 – 2003

INVOLVEMENT

Tutor
Udemy · Udemy · December 2018 – Present
· Courses published`Performance Testing using DevWeb`and `Apache JMeter`

Content Creator
QAInsights · October 2012 – Present
· technical blog and video tutorials focusing about performance testing, engineering, current trends, APM, Observability and more.