

S BHARGAVI

Professional Performance Engineer

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Summary

Performance Engineer with 3 years of experience in designing and executing performance test strategies using Apache JMeter. Hands-on expertise in AWS infrastructure including ECS, EC2, S3, DynamoDB, RDS, ELB, and Auto Scaling. Proficient in analyzing system performance using APM tools and Kibana, and identifying bottlenecks through GC analysis and benchmark testing. Skilled in CI/CD practices using GitLab and Jenkins, with Agile project experience using JIRA. Basic working knowledge of Apache Kafka for validating event-driven architectures.

Experience

Tekion Corp

Chennai, India

Performance Engineer (I)

08/2022 - Present

Roles & Responsibilities

- **Performance Engineer (April 2025 – Present)**
- **Associate Performance Engineer (Aug 2022 – Mar 2025)**
- Designed and executed performance testing strategies for microservices based applications using JMeter.
- Monitored application performance on AWS environments using APM tools and Kibana dashboards.
- Collaborated with developers and DevOps teams to analyze performance bottlenecks and implement improvements.
- Managed cloud infrastructure deployments on AWS including ECS clusters, EC2 instances, and RDS databases.
- Automated test executions and result analysis through Jenkins and GitLab pipelines.
- Utilized JIRA for defect tracking and sprint planning in Agile teams.
- Built and executed basic Kafka event driven test cases to simulate real time data ingestion.

DARTexon

Chennai, India

Trainee - Software Engineer

10/2021 - 03/2022

Roles & Responsibilities

- Assisted in maintaining and updating existing applications and modules.
- Helped design form validation programs using HTML and JavaScript.
- Contributed to the development of client-side and server-side codes for external and internal web applications.
- Provided assistance and support to programming team members as requested.
- Worked on the Angular side and modified the simple UI design into a response view using Material UI & Media query.

Education

Jerusalem College of Engineering

B-Tech 'Information Technology'

09/2017 - 05/2021

Shri A Ganesan Matriculation School

Higher Secondary - 12th


06/2016 - 06/2017


Languages


English Proficient ●●●●●

Tamil Native ●●●●●

ACHIEVEMENTS

- **Successful Project Submission**

Tested Python-based ML services using SANIC-WORKER threading model, performed GC and benchmarking analysis, and delivered detailed performance reports on time for multiple projects.
- **Ownership of the Modules**

I took full responsibility for two important modules in the project. I handled all the testing activities like planning, running the tests, and preparing reports on my own, without needing help from senior team members.
- **Team Collaboration**

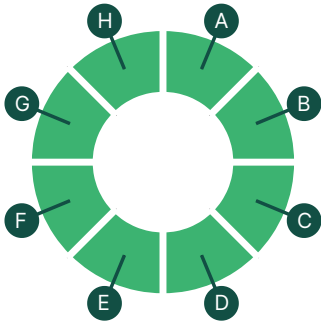
Collaborated with the team to design and build an automation tool to manage test environments, significantly reducing manual effort and improving deployment efficiency.









CORE SKILLS & SOFT SKILLS

Performance Testing · Benchmark Testing · CPU and Memory Profiling · Thread Dump Analysis · Test Planning and Execution · Scripting and Automation · API Performance Testing · Root Cause Analysis · Heap Dump Analysis

Problem Solving · Ownership & Accountability · Team Collaboration · Communication & Reporting

TOOLS & TECHNOLOGIES



-  **A** Apache JMeter
-  **B** AWS (EC2, ECS, S3, ELB, RDS, DynamoDB, CloudWatch)
-  **C** Kibana
-  **D** Thread Dump Analyzer
-  **E** Jenkins
-  **F** Docker
-  **G** GitLab
-  **H** JIRA / Confluence / Slack / Teams