

Manisha Korra

Address: Hyderabad, Telangana

Phone: +91-9390579482

Email: korramanisha520@gmail.com

LinkedIn: www.linkedin.com/in/korra-manisha-2279421bb

CAREER OBJECTIVE

Result-oriented Performance Test Engineer with 3+ years of experience in Non-Functional Requirements (NFR) testing using JMeter, Artillery, and LoadRunner; skilled in cloud-based performance validation and AWS-integrated testing workflows. Seeking to leverage expertise in performance analysis, system optimization, and test strategy design to support high-performing engineering teams in delivering scalable and reliable digital products.

PROFESSIONAL SUMMARY

- Performance Test Engineer with 3+ years of experience in Non-Functional Testing, specializing in Load, Stress, and Endurance testing using JMeter (primary), Artillery, and LoadRunner (beginner).
 - Proficient in cloud performance testing with AWS services including EC2, ECS, Lambda, SQS, RDS, DynamoDB, CloudWatch, and Autoscaling.
 - Experienced in monitoring and analyzing system performance using Grafana, CheckMK, and Superset.
 - Integrated Artillery with InfluxDB and Grafana to enable real-time performance test monitoring within CI/CD pipelines.
 - Worked extensively on Web (HTTP/HTML) protocol and having good knowledge on Web Services Protocols using JMeter and Load Runner.
 - Adept at identifying system bottlenecks, analyzing logs, debugging issues, and delivering detailed test analysis and performance recommendations.
 - Successfully migrated RabbitMQ to AWS SQS, optimizing cron job executions and improving API response validation.
 - Proficient in formulating test scenarios, running tests, analyzing the test results and formulating test strategies aligned with customer needs in Performance Testing perspective.
 - Strong collaborator in Agile teams, contributing to CI/CD pipeline integration and continuous performance validation.
 - Knowledgeable in debugging and troubleshooting issues, providing detailed analysis and reporting of execution results.
 - Recognized for taking ownership in critical performance initiatives and committed to continuous learning in performance engineering trends and tools.
-

TECHNICAL SKILLS

Performance Testing Tools: JMeter (Primary), Artillery, LoadRunner (Beginner), Postman, Fiddler, SOAP UI

Cloud Technologies: AWS (EC2, ECS, Lambda, RDS, S3, SQS, CloudWatch), DynamoDB, AWS StepFunctions

Queueing & Messaging: RabbitMQ, AWS SQS, SNS

Monitoring & Observability: Grafana, CheckMK, Superset, InfluxDB, PG Badger

Scripting & Programming: SQL, Python (Basic)

Version Control & DevOps: GitLab, CI/CD pipelines, Auto-scaling strategies

Databases: PostgreSQL, InfluxDB, AWS RDS, DynamoDB

Operating Systems: Linux, Unix

Development Methodologies: Agile, Scrum

Test Types & Frameworks: Load Testing, Stress Testing, API Testing (REST/SOAP), Functional Testing, NFR Testing, Automated Performance Reporting

PROJECTS

Project Name: Electric Kiwi - One of the largest Leading Energy Retailer in New Zealand

Tools used: JMeter, Load runner, GIT, AWS, Checkmk, Postgresql, InfluxDB, Grafana

Protocols: WEB HTTP/HTML

- Project Description:** Working for the agile project where performance testing is in need for every sprint. Electric Kiwi is an independent online New Zealand electricity retailer. Established in 2014, Electric Kiwi has a focus on using cloud computing and smart meters to service customers in the major urban areas around the country. Its services depend on the presence of the smart meters in the customer's home.
- Led the design and execution of performance test strategies, plans, and schedules.
 - Developed and validated test scripts for critical business workflows post-application changes.
 - Analyzed performance test results and delivered detailed reports with key observations to clients.
 - Implemented automated testing methodologies, reducing test cycle time and improving coverage.
 - Collaborated on application containerization and auto-scaling strategies, enhancing performance and scalability.
 - Resolved configuration issues across AWS services including SQS, Lambda, DynamoDB, and RDS.
 - Optimized AWS Lambda concurrency and ECS configurations for better system performance.
 - Acquired hands-on experience with AWS services like Lambda, SNS, and Step Functions.
 - Authored SQL scripts for efficient test data preparation

Project Name: Chargenet – EV Charging Platform (New Zealand)

- Performed Non-Functional Requirement (NFR) testing for EV charging applications to validate performance, reliability, and scalability.
- Simulated real-world usage patterns and executed long-duration performance tests to evaluate system endurance under sustained load.
- Identified backend optimization opportunities, resulting in enhanced API response times and overall application performance.
- Automated performance reporting using CheckMK and integrated real-time monitoring dashboards with Apache Superset for better visibility and insights.

Project Name: Reamped Energy – Australian Energy Retailer

- Integrated Artillery into CI/CD pipelines to automate load testing and validate system performance during deployments.
- Conducted stress testing using JMeter on Superset environments and identified performance bottlenecks by analyzing slow-running database queries with PG Badger reports.
- Captured and analyzed user load patterns using workload modeling to simulate real-world usage scenarios.
- Migrated messaging architecture from MQ to AWS SQS, resulting in reduced operational overhead and significant cost savings on AWS infrastructure

CAREER TIMELINE

EnergyTech Global Private Limited — Hyderabad, India

- **Senior Software Analyst :** March 2024 – Present
- **Software Analyst :** June 2022 – March 2024
- **Software Engineering Intern :** February 2022 – June 2022

EDUCATION

Bachelor of Engineering – Electronics and Communication Engineering

Vasavi College of Engineering : 2019-2022

CGPA: 8.3

Diploma – Electronics and Communication Engineering

Govt. Polytechnic Masabtank : 2016-2019

CGPA: 9.1

Secondary School Certificate (SSC)

Indo American School : 2016

CGPA: 9.5

ACHIEVEMENTS

- **Awarded the Maverick Award** (Q3 2023) for exceptional ownership in performance testing and AWS cost optimization for the Electric Kiwi project.
- Achieved a 15 percent reduction in production latency by implementing system profiling and backend tuning measures.