**SURESH BANNELA** [**bannelas2018@gmail.com**](mailto:suresh.bannela@hcl.com)

**PERFORMANCE TEST ENGINEER +91-9160662777**  ShapeText Box

* 6.5 years of experience in Performance Testing across Consumer goods, Telecom, ecommerce and Business Intelligence (BI) domains.
* IT Literacy: **Load runner**, **Neoload**, **JMeter, Toad**, AppDynamics, Riverbed, Functional Testing, HP Performance center, **IBM nmon analsyer**, Dynatrace, MOX, Datadog Splunk, Reflector.
* Have worked on EBI Reports (Enterprise Business Intelligence), Customer support Applications, SAP systems, HeiDM (SAP IDM), SAP MM, Mendix (MDM), Citrix, Oracle Forms, ecommerce and Telecom Applications.
* Developing test scripts in Load runner using **Web (HTTP/HTML), SAPGUI, Citrix protocols** and doing enhancements like Correlation, Parameterization, Page validation and designing the test scenarios for **Load/stress/endurance** test and executing the tests.
* Experience in monitoring client & server-side metrics and identifying Performance Bottlenecks related to GC, Memory Leaks, Stuck Threads, Connection Pools, CPU/Memory.
* Knowledge on Data Collector, Capacity Planning and Infrastructure sizing.
* Experience in Preparing **Production Capacity Analysis (Production Sizing), Production Benchmarking, Competitive analysis (b/w two Infrastructures)**.
* Experience working on **AWS and Azure Cloud env.**
* Experience in Requirement Gathering, preparing Performance test plan and final execution report.
* Experience in Manual Testing.
* Aware of test cases, testing process, development models in Functional Testing.

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* Working as Sr Performance Test Engineer in **Fidelity Investment,** Bangalore from November 2019.
* Worked as Performance Engineer in **Dell**, Bangalore from June 2017 to March 2019
* Worked as Performance Test Engineer in Amdocs, Pune from October 2016 to June 2017.
* Worked as Test Specialist Performance Engineer in **IBM**, Bangalore from January 2014 to October 2016..

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* Bachelor of Technology from Nalla Malla Reddy Engineering College, Hyderabad.

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* **Operating Systems:** Windows and Linux.
* **Documentation:** MS Word, MS Excel, MS PowerPoint.
* **Performance Tools:** Load Runner, Neoload, JMeter, MOX, Performance Centre.
* **Application Monitoring Tools:** App Dynamics, Riverbed, Dynatrace, Splunk, Datadog
* **Network Monitoring Tools:** Riverbed, IBM NMon Analyzer.

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Sr Performance Test Engineer, Fidelity Investment, Bangalore

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Project:

**FAIM**

**Tools: JMeter, MOX, Dynatrace, Splunk, Datadog, Reflector.**

**Project Description:**

FIAM is the interlock API’s called from front end applications of Fidelity and it is in **AWS**. It deals with brokerage, fund’s price, investments etc..

**Responsibilities:**

* Discuss with dev teams and get the requirements for scope of performance testing.
* Gathering config, ORTA and DB patches and doing changes on performance env.
* Gathering App changes, Infra details, servers config, hardware resource details since it moving from **AWS ECS to AWS EKS.**
* Discuss with Dev teams and push code to PERF environment.
* Validate existing scripts in MOX and Jmeter.
* Prepare Test data.
* Generating scripts and doing enhancements in JMeter and MOX for new functionalities/API’s.
* Designing scenarios for load and stress test and execute the test in JMeter and MOX/Jenkins.
* Monitoring test execution in Akamai and servers in dynatrace and Datadog.
* Pulling logs from Splunk and Datadog and Analyze the results and provide Observations to dev teams.
* Prepare performance test report in confluence.
* Prepare comparison report b/w two environments/baseline.

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Performance Engineer, Dell, Bangalore

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Project I:

**EBI (Business Intelligence)**

**Tools: Neoload, HANA Studio**, **IBM nmon analsyer.**

**Project Description:**

Business Intelligence reports will have Information from other resources like HR, Sales, finance, market etc... will come and

stored in EBI.

EBI is used to full out the data for different resources. The key objective of this whole engagement was to benchmark and

identify the DELTA difference in performance between two different technologies – TOLAP vs SAP HANA and

TOLAP vs NorthStar Greenplum. We achieved first time ever benchmark on TOLAP and later SAP HANA in PRODUCTION

environment. We have carried out the competitive analysis between two different technologies in terms of measuring the

performance using response times/TPS – stability, scalability – In terms of User Load. Performance test suite was ran in TOLAP

and NorthStar Greenplum for benchmarking DELTA difference between two technologies.

**Responsibilities:**

* Discuss with business, dev team’s and get the requirements for scope of performance testing.
* Discuss with business, dev and db teams on BI reports and performance test suite queries.
* Generating the scripts and doing enhancements in Neoload.
* Designing scenarios for load and stress test and execute the test in Neoload.
* Run performance test suite queries.
* Monitoring all layers of the servers BOBJ, WebI, SAPHANA.
* Analyze NMON raw data using IBM nmon analyzer.
* Analyze the results and provide Observations and Recommendations to business and dev teams.
* Doing benchmarking and identified DELTA difference in performance between two different technologies – TOLAP vs SAP HANA and TOLAP vs NorthStar Greenplum.
* Deliver Production Capacity Analysis (Production Sizing), Production Benchmarking, Competitive analysis (b/w Infrastructures TOLAP/Teradata/SAPHANA/Greenplum).
* Prepare executive summary deck and share to all stakeholders.

Project II:

**eSupport and OLS (Online Support)**

**Tools: Neoload, Octopus, Riverbed.**

**Project Description:**

Application used by customers for their product support in online.

**Responsibilities:**

* Discuss with Dev team’s and get the requirements for scope of performance testing for each release.
* Discuss with dev, db and all interlock application teams to understand the changes.
* Deploying code to the PERF environment.
* Do app settings for the applications and iisrest on all the PERF UI boxes and Service boxes.
* Verifying all interlock applications in PERF environment manual.
* Generating the scripts and doing enhancements in Neoload.
* Doing smoke automation.
* Designing scenarios for load test and execute the test in Neoload.
* Monitoring servers in Riverbed.
* Analyze the results and provide Observations and Recommendations to dev teams.
* Prepare executive summary deck and share to stakeholders.

Performance Test Engineer, IBM, Bangalore

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Project I:

**Title: AH1 System (SAP System), HeiDM Upgrade, Star Sales Phase 2 (Heisale Upgrade), MDM (Mendix), Heisale, Gpco Buy Sell, HeiDM, SAP MM.**

**Client: Heineken, Netherland.**

**Role: Performance Test Engineer.**

**Tool: Load Runner.**

**Project Description:**

Heineken Lager Beer (Dutch: Heineken Pilsener), or simply Heineken, is a pale lager beer with 5% alcohol by volume produced by the Dutch brewing company Heineken International.AH1 system is the backend SAP system for **MM, SD and FI** related Streams. The objective of the project is to compare AH1 system performance in on Premises. Oracle environment and in Azure Cloud environment (In Windows/SQL and Linux/Oracle) and in t-system Vcloud environment (Linux/Oracle and Sybase) and in Amazon Cloud environment (Windows/SQL and Linux/Oracle).

**Responsibilities:**

* Analyzing and understanding performance requirement specifications.
* Discussion with the business, development and functional team to identify the critical business scenarios.
* Creating Test Data.
* Generating the script and enhancing the script by doing for correlation and parameterization.
* Designing Scenarios for load testing and execution.
* Prepared test results report and share to Client.