Roshan Prasad

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Experience Summary:

- 8+ years of expertise in the field of NFT, Performance Testing/Engineering for large, complex enterprise software applications Solid experience in strategy, planning and Executing Performance Testing, Tuning, Certification, and Benchmarking Projects successfully.
- Good understanding of HW, OS/Linux, Web Server, App Server, DB Server etc configuration and Tunings.
- Analyzing NFRs, NFT status tracking and reporting. Produce comprehensive test Estimation / test plans / test strategies / test script creation / test execution / test completion report for Performance Testing.
- Expertise in various performance testing namely Load, Stress, Endurance, High Availability(Failover), Memory Leak, Profiling and monitoring windows/unix resource via Loadrunner & Analysis perspective.
- Good experience in Loadrunner using protocols like Web (HTTP/HTML), Oracle 2 tier, Web Services, Web (Click and Script), Java over HTTP, and MMS**.**
- Experience in **HP ALM 11.0** & HP **Load Runner 9.0, 9.5, 11.0 & 12.02**
- **Certified** HP AIS **ExpertONE Loadrunner** Professional 11.0 v.
- Excellent knowledge of the SDLC and Testing Life Cycle (STLC).
- E2E(strategy, planning, managing) successful execution of NFT projects for various releases in production like environments
- Good interpersonal skills, co-ordination, commitment, result-oriented, hard working with a quest and zeal to learn new technologies and undertake challenging tasks.
- Coordinate NFT activities with various groups (Development, Infrastructure, DB etc.)
- Worked with Development teams for performance, NFT issues, providing clear reports, clues during the process.
- Highly exposed towards Performance Engineering & tools like Load Runner, Gatling, Jmeter, AppDynamics, Dynatrace, OEM, JProfiler, Jconsole, JvisualVM, Nmon, Glance, top, Analysing AWR, AWS Services like EC2, ECS, Cloudwatchs etc.
- Expertise in preparing NFT Test plan, NFT Test strategy, Analysis, NFT Reports.
- Experienced in team management.
- Experienced in **Telecom**, **CRM** and **Ecommerce** Performance Engineering.
- Experienced in Application Deployment on App server i.e. Weblogic, Websphere
- Have B1/B2 US visa valid up till 2025.
- Performance Engineering for **Amdocs Products** (CRM, Rulemanager, ARIM, MCSS and Ordering), Bottleneck Identifications, Customer Certifications, Performance analysis.
- Visited USA & UK couple of times to gather NFT requirements and deliver critical project.

Work Experience:

Organization	Designation	Duration
Tata Consultancy Services	System Engineer (SE)	Aug 2010 – May 2013
Amdocs DVCI	Performance Test Specialist	May 2013 – June 2017
Vodafone Shared Services India	Assistant Manager	July 2017 – Till Date

Education:

Bachelor of Engineering in **Bioinformatics** with **9.14** CGPA from Vellore Institute of Engineering in the year of 2010.

Technical Skill Set:

Areas	Tools and Technologies
Operating System	Windows, RHEL 6.5, 7.0, 7.3 Linux
Server Platforms	WLS 12.1.3, WAS 8.5.5.1
WebServer	Apache
Languages	C, SQL, Shell, Batch, Java, Ansible
Performance Testing Tools	HP ALM 11.0, HP Loadrunner 12.52, Gatling, Jmeter, Blazemeter
Server Monitoring Tools	AWS Dashboards, Hp SiteScope, NMON, Glance, Vmstat, TOP, Perfmon, JvisualVM
Client Side Profiling	WebPageTest Offline Version, Lighthouse
Memory Profiling	Dynatrace, AppDynamics, Jprofiler, Jprobe, MAT
Database Tuning	Oracle Enterprise Management
Database	Oracle 12 c
Other Tools	Jenkins, VSTS, Eclipse, Toad, QC, Grafana, Influx DB, Adobe Analytics
Business Domains	Insurance, Telecom

Certification Acquired:

1. **AppDynamics** Action for Power Users v4.3
2. **HP ExpertONE** Accredited Integration Specialist – **Loadrunner v 11**
3. **ISTQB / BCS Foundation Level** certified and
4. **HP QTP 10.0** - Certified Professional in Quick Test Professional

Trainings Attended:

Year	Title	Location	Organized by
2010	HP Loadrunner	Chennai	Tata Consultancy Services
2011	Quick Test professional	Chennai	Tata Consultancy Services

2011	Performance Testing Workshop - E1 (ILT)	Chennai	Tata Consultancy Services
2013	Java Arguments on Sever	Pune	Amdocs DVCI
2014	CRM	Pune	Amdocs DVCI
2015	Shell and Batch Scripting	Pune	Amdocs DVCI

Roles & Responsibilities in VSSI:

- ➢ Worked on Volumetric Analysis for Youth application and designed different tests workload namely average load, peak load and stress test.
- ➢ Integrated Grafana, influx DB with AWS CloudWatch and also Gatling for live monitoring of performance stats.
- ➢ Setup WebPageTest Offline version to perform client side profiling for Youth application.
- ➢ Collaborated with different teams namely Front End, AWS, DAL, Microservices, TIL, TLG and DB teams for end to end understanding/issue resolution.
- ➢ Create API Suite and involved in Sprint testing for early detection of Performance Issues.
- ➢ Created Gatling scripts, executed different tests like avg load, peak load, stress test. Updated performance test summary for each test and raised performance issue to development team.
- ➢ Optimization and recommendation of Microservices Hard/Soft limits deployed in cloud (AWS EC2)
- ➢ Monitor Database side performance using Oracle Enterprise Management and analyzing AWR report.
- ➢ Helping the team members with technical, functional and process related queries.
- ➢ Provide recommendations and ample information in form of logs to Development team like AWS ECS/Cloudwatch logs for Micro Services, TIL Logs, AppDynamics stats.

Vodafone Youth

Description	Vodafone Group is a British multinational telecommunications company, predominantly operates services in the regions of Asia, Africa, Europe, and Oceania. Among mobile operator groups globally, Vodafone ranked fifth by revenue and second in the number of connections as of 2016. Vodafone owns and operates networks in 26 countries and has partner networks in over 50 additional countries. Its Vodafone Global Enterprise division provides telecommunications and IT services to corporate clients in 150 countries. The goal of Performance testing was to certify new youth application for different performance tests.
Role	Assistant Manager
Operating System	RHEL Linux 6.5, 7.3
Skills	Loadrunner 12.02, Gatling, AppDynamics, AWS CloudWatch, MAT, Lighthouse, VSTS
Start Date	July 2017

End Date	Till Date

Roles & Responsibilities in Amdocs DVCI:

- Worked on NFT Scoping, Planning, Execution and result presentation.
- Creation of LR Script and executing E2E performance test Under Load
- Memory Profiling using JProfiler and Jprobe
- CPU Utilization using Unix (nmon, top, glance, vmstat)
- Monitor Database side performance using Oracle Enterprise Management and analyzing AWR report.
- Stress Testing, Scalability, Spike, Failover Testing of CRM on WAS/WLS both Environment.
- Performed Server side Performance testing on Rulemanager
- Application Server Tuning, DB Tuning, LB Tuning, SQL Tuning and JVM Tuning
- Helping the team members with technical, functional and process related queries.
- Increase the product knowledge of the team members and thus increase their productivity. The role is internally defined as Focal Point.
- Coordinate NFT activities with various groups (Development, Infrastructure, DB etc.)
- Provide recommendations and ample information in form of logs to Development team like thread dump, core dump, Jprofiler logs, Server side stack trace e.t.c
- Setting up of Multi machine Cluster Environments of WAS/WLS (including installation of all 3rd Party S/w like Solr) for components like CRM, Rule Manager, BAP etc.
- Worked on Continuous Integration of NFT using Jenkins and supported by batch and shell scripts for configuration changes.
- Managing and scaling of VMWare servers for Performance Test.

Customer Relationship Management

Description	Amdocs is a provider of software and services to more than 250 communications, media and entertainment service providers in more than 80 countries. Its CES (Customer Experience Solutions) span business support systems (BSS), operational support systems (OSS) and network control and optimization offerings for multiple lines of business, including wireless, wireline, broadband, cable and satellite services. Amdocs' services include business consulting, managed services, systems integration, project delivery and testing.

The goal of Performance testing was to setup environment, identify best server side tuning for recommended load and perform different types of performance tests on different products of CRM namely FTS, Rulemanager, Continuous Integration, MCSS, Ordering and ARIM. |
| **Role** | Performance Test Specialist |
| **Operating System** | RHEL Linux 6.5, 7.3 |

Skills	LR 12.52, Jmeter, OEM, Nmon, Glance, WLS, WAS, Apache, Jprofiler
Start Date	May - 2013
End Date	June - 2017

TATA CONSULTANCY SERVICES

Roles & Responsibilities in TCS projects:

- ➢ Developed the **Performance test Strategy** which includes In Scope, Out Scope, Entry and Exit Criteria, Test Approach, Schedule, Performance Test cases, **Workload Model** and Reporting results.
- ➢ Profiled more than 25 different applications in different Projects for TCS.
- ➢ Received several appreciation emails for Performance Testing directly from the clients & Management.
- ➢ Enhance Vugen Scripts by correlation, parameterization, transaction points and various inbuilt LoadRunner functions.
- ➢ Coordinated with Clients, Onsite, Development and Manual team to understand the requirements properly and for queries.
- ➢ Validated Vugen scripts using different log files during script preparation and also during execution of load test on Controller.
- ➢ Responsible for executing different load tests [**Load, Stress, Endurance, Failover, Volume and Capacity**] depending upon the Non-Functional Requirements [NFR].
- ➢ Extensively involved in Manual Correlation of Vugen scripts of different application.
- ➢ Server side monitoring using HP Sitescope for performance counters.

Key Projects

DHL Global Forwarding

Description	DHL Global Forwarding, formerly known as DHL Danzas Air & Ocean, is a division of Deutsche Post DHL providing air and ocean freight forwarding services. It also plans and undertakes major logistics projects under the brand name DHL Industrial Projects. Together with DHL Freight, it forms Deutsche Post's Freight/Forwarding department. The goal of Performance testing was to build solution to DHL global forwarding and compare the performance of new SAP application with that of existing Legacy one.
Role	Performance Tester
Operating System	Windows XP
Skills	Performance Center 11.5, HP Sitescope 11.5
Start Date	Nov-2012
End Date	May-2013

Sprint

Description	Sprint is a United States-based holding company that operates multiple wireline and wireless networks serving consumer, business and government customers in the United States, Puerto Rico, and the U.S. Virgin Island. Sprint is the United States' third largest long distance provider by subscribers. As of 2011, the Sprint wireless network serves more than 55 million customers. The goal of Performance testing was to compare the performance of the application in GHL 12.3 with additional functionalities with that of GHL 12.2 release and ensure that the SLAs were met.
Role	Performance Tester
Operating System	Windows XP
Skills	HP ALM 11.0, HP Sitescope 11.0
Start Date	Sep-2012
End Date	Nov-2012

CNAC

Description	CNA Central is a leading global insurance organization serving businesses and individuals with a broad range of insurance products and insurance-related services. Since 1897, CNA has been built on a foundation of financial strength, stability and commitment to customers and business partners. The purpose of performance testing was to run various test on release basis for different modules like RST, Rapid, Ocean Marine, etc and maintain the run book to show improvement or degradation of transactions with each release.
Role	Performance Tester
Operating System	Windows XP
Skills	Loadrunner 9.0, 9.5, HP SiteScope , IT CAM
Start Date	Sep-2012
End Date	Dec-2010

Personal Profile:

Date of Birth: 16-Feb-1986
Fathers Name: Mahesh Prasad
Marital Status: Married
Passport Number: J3420005

I hear by declare that all the information provided above is true to my knowledge.

Date:
Place: Pune   Roshan Prasad