

Serving notice in current organization | LWD: 26/01/2021

MAYANK GURNANI

Performance Engineering and Automation

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Profile Highlights

- Having 6 + years of experience in IT industry, specializing in end to end Performance Engineering & Testing Process, with Electronics and Communication background.
- Oracle Certified Associate (Java 8 Programmer)
- Microsoft Technology Associate (Python Programmer)
- Experience on Amazon Web Services (AWS) cloud and Microsoft Azure Cloud.
- Knowledge of working with Docker & Containers, kubernetes, server less architecture
- Experience & knowledge of Splunk, creating dashboards, writing Splunk Queries, creating time charts & Alerts, etc.
- Experience in monitoring of resources using Dynatrace APM, Prometheus, CA APM, App Dynamics, Team Quest
- Protocols Worked on (in Performance testing):
Web (HTTP/ HTML), Web Services, java Vuser, Java over HTTP, Truclient in HP Load Runner (V11.52/ 12.02/12.50).
- Experience in anchoring testing requirements, develop test strategy, track & monitor project plans. Prepare solution delivery of projects, Review test plans, test cases and test scripts. Develop project quality plans, validate defective prevention plans
- Good Experience using Load Runner for Load Testing, Stress Testing, Endurance Testing, Failover Testing, Benchmark Testing and Baseline Testing.
- Good knowledge and skills in test monitoring for transaction response times, web server metrics, system resource, Web App, Server metrics, Database metrics.
- Experience in Test Scripting, Test Scenario Creation, Test Execution as well as Reporting and Analyzing.
- Good in creating Grafana dashboards, Osmosys Dashboards for application monitoring.
- Experience in testing of Web based Applications and Cloud based Micro services.
- Good in Database Analysis (AWR Report Analysis).
- Worked on both Agile as well as waterfall model.
- Knowledge of programming languages like C, C++, Java to debug, customize and execute Load Runner scripts.
- Knowledge of Perl Scripting, Excel Macros, Unix commands, Python Programming.
- Good Knowledge of Extraction, collation and analysis of test results.
- Good Problem Solving Ability and Effective Team player.
- Involved in preparing project level artifacts like Test Plan, Work Load Model and Test Completion Report and Knowledge transfer sessions.
- Direct Client facing experience.
- Work Load modelling. RFP Support, REST Full API, postman, http watch
- Experience analyzing JVM performance problems related to garbage collection & memory leaks

Career Objective

To gain practical knowledge and experience in order to grow as a professional and as an individual in order to contribute positively to the society.

Skill Sets

Operating Systems & Platforms	Windows 7/XP/8/10, Linux, AWS, Microsoft Azure
Languages	C, C++, Java, Python, Perl, Shell Scripting
PT Tools and Utilities	HP Load Runner 11.52/12.02/12.53, Neoload, HP Performance Centre, HP ALM, Jmeter, HP Quality Centre, SQL Developer, Fiddler, Jenkins, Informatica Power Center, JProfiler, J visual VM, Jira etc
Automation tools	Postman, Selenium with java & python, TestNg, Maven, Jenkins, rally, cucumber bdd
Performance monitoring tools/skills	Dynatrace, AppDynamics, Splunk, Windows Perfmon, tis360, netuitive, MD loader, Capman, Osmosys, Precise i3, Grafana, AWR Report Analysis, JProfiler, CPU and memory Profiling, Thread dump analysis, Java JVM understanding, GC analysis skills, NMON,
Certifications	<p>External Certifications: Oracle certified associate (Java 8 Programmer I) Microsoft Technology Associate (Python) Microsoft Azure Fundamentals Level 1</p> <p>Cognizant Internal Certification & Trainings:</p>

	Cloud foundation, Dockers and Containers, Azure fundamentals, AWS fundamentals, Automation Basics, Selenium and web driver, Level 0: Performance Testing, Performance engineering Java track, Performance testing concepts, Performance Engineering concepts, Load Runner and Apache Jmeter Infosys Internal Certifications & Trainings: Infosys certified Python Associate, Infosys Certified Performance Engineering Associate ., Devops, Agile, JavaScript , Selenium ,Java Training
Databases	Oracle, MySQL

Professional Experience

Performance Engineering Projects:

Client	Enegry Services Provider – E.ON
Project(s)	<ul style="list-style-type: none"> • Application HotSpot - Customer Search and Load: • Eon Sunrise – App Hotspot Payg: PAYG Application Hotspots Re-Architect track focuses on the application areas which will undergo a complete re-architecting exercise. They will be broken down from their current monolithic architecture to a micro-services based architecture • Eon Website T-UK SSO & Azure hosting: a single sign on(SSO) experience between eonenergy.com (Red) and npower.com (Blue) • Sunrise – Migration • Smartphone APIs
Role	Lead Performance Engineer Test Analyst
Tools Used:	HP Load Runner 12.53, Jmeter, Fiddler, Postman, JProfiler, J visual VM, Automation tools: Selenium with java & python, TestNg, Maven, Jenkins, rally, cucumber bdd

Currently working for E. ON which is a German electric utility company, it runs one of the world's largest investor-owned electric utility service providers.

Roles and Responsibilities:

- Interface with customers for issue resolution, ensure effective test execution by reviewing knowledge management activities.
- Requirement gathering and analysis, prepare test cases, review test case result and anchor defects prevention activities.
- Interface with customers for issue resolution, ensure effective test execution by reviewing knowledge management activities
- Drafting execution strategy and other project related documents.
- Test cases identification, Scripting, Test Execution and Test Reporting and analyzing.
- Creation of test scenarios using Real World schedule and according to Production Profile.
- Final Report preparation once the project is completed.

Client	Communication & TV Services Provider – Charter communication
Project(s)	<ul style="list-style-type: none"> • Online Video Portal: On Demand and Live Channel Steaming Application similar to Netflix and Hot star. Performance Testing was done for validating smooth Streaming Experience after AWS migration. • Customer Support Portal: customer support Portal was used to track customers complains status, based on type of Request it was sent to various team for resolution. Performance testing was done to find the break point of this in house CS Portal.
Role	Performance Engineer
Tools Used:	HP Load Runner and Performance center, Grafana, App Dynamics, Fiddler

Description/ Role and Responsibilities:

- Prepare test cases, review test case result and anchor defects prevention activities.
- Interface with customers for issue resolution, ensure effective test execution by reviewing knowledge management activities
- Drafting execution strategy and other project related documents.
- Requirement gathering and analysis with onsite counterpart.
- Scripting, Test Execution in Performance Center (version 12) and Test Reporting and analyzing.
- Creation of test scenarios using Real World schedule and Basic schedule.
- Final Report preparation once the project is completed

Client	a Leading Switzerland Bank
Project(s)	<ul style="list-style-type: none"> • Osmosys: Osmosys is a CT wide monitoring tool consisting of open source tools for hosts monitoring • Ping Federated: Ping Federate improves workforce productivity by enabling users to sign on once at their primary network access point, and then seamlessly access their entire web based business applications without requiring additional passwords. • One PPM: It is timesheet booking and resource management portal. • PeopleSoft: it is resource management portal • DPB-Digital Private Banking: DBP is a web portal which gives account related details to customers. • CHEOPS: Cheops application supports main business processes, the business process outsourcing of the financial statements and capturing to other components. • T24 R14 JP Renewal: TEMENOS T24 is the most technically advanced banking system. It pairs business functionality with architecture. • EssBase Migration- Smart View: EssBase migration aims for minor enhancements over exalting, smart view Excel plug in was in scope for testing. • SOH- securities obligation handler: SOH is currently part of GSI landscape but soon to be moved out as an independent shared component to handle security obligations across geographies. It acts as router to pass the security obligations to correct systems. Being completely agile project, goal was to do early performance testing to avoid last minute performance bottlenecks and provide early performance test findings. • COREX: CoreX application receives the market data from various sources then process and transform the data into canonical form and then makes available to downstream applications. Performance testing was done to check scalability of the system. The project aims at performance testing of various micro services that are being used in entire journey of processing a Message. These services are cloud based. It is basically implementing devops & agile methodology.
Role	Performance Engineer
Tools Used:	Splunk , HP Load Runner and Performance center , Grafana, App Dynamics, Fiddler , Postman, Perfmon, SQL Developer, Precise i 3

Description/ Role and Responsibilities:

- Develop test plan, prepare effort estimation and schedule for project execution.
- Prepare test cases, review test case result and anchor defects prevention activities.
- Did Performance Testing including Load Testing, Endurance Testing and Stress Testing.
- Drafting execution strategy and other project related documents.
- Requirement gathering and analysis with onsite counterpart.
- Used HP Performance Center (version 12.53) to save the Scripts, Scenarios and Results.
- Used HP Load Runner 12.53 for scripting.
- Used Web HTTP/HTML Protocol in HP Load runner
- Scripting, Test Execution in Performance Center (version 12) and Test Reporting and analyzing.
- SQL developer is being used for extracting test data from required tables, validating no. of records at database level and for manually executing queries to see the results and table constraints.
- Creation of test scenarios using Real World schedule and Basic schedule.
- Resource Monitoring using System Monitor jar and UNIX commands (Top, VmStat, Tcpdump, netstat, iotop, iostat).
- Used JProfiler for Profiling JVM, Analyzed Thread dumps and used Splunk for Error analysis.
- Tested micro services via Load Runner either through Java Vuser or Web services Rest APIs and monitoring through App Dynamics.
- Did AWR analysis of oracle database.
- Final Report preparation once the project is completed
- 7 months Experience in Managing and Supervising resources along with Project
- Working on 3 applications in parallel.



Organization	INFOSYS PVT. LTD
Duration	Feb 2018 to Present



Organization	COGNIZANT TECHNOLOGY SOLUTIONS PVT. LTD
Duration	Dec 2014 to Feb 2018

❖ **GOVT. WOMEN ENGINEERING COLLEGE AJMER (GWECA)**

- Worked as guest lecturer in electronics and communication department from 04:08:2014 to 20:12:2014 (one semester)
- Responsibilities: teaching, paper setting and evaluation, theory and practical exam conduction.

Educational Qualification:

Board/University	Level	Subject	Marks
Swami Keshvanand Institute of Engineering and Technology, Jaipur / RTU	Degree (B.Tech)	Electronics and communication Engineering,2014	78%
St. Anselm's sr. sec school Ajmer/ C.B.S.E	12th	Non-Medical (PCM), (2010)	81.8%
All Saints Ajmer/ C.B.S.E	10th	Science, Mathematics, Social Studies, English, Hindi , (2008)	83.8%

Achievements

- Recognized for on time delivery of project and handling multiple projects at a time.
- Received multiple client appreciations for hard work and dedication showed in Completion of allocated tasks on time with perfection.
- Received "Spot Award", "Best new comer", "Best Team", "Above and Beyond", "Pillar of the Month" award at organization level for on-time delivery of project besides several environmental issues.
- Received "Star Performer" award at organization level for on-time delivery of project besides several environmental issues.

Personal Information

Name : Mayank Gurnani
Date of Birth : 20th June 1992
Gender : Male
Nationality : Indian
Languages Known : English, Hindi and Sindhi.

Declaration

The above information, to the best of my knowledge, is correct and true. No attempts have been made to falsify details.

(MAYANK GURNANI)