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SUMMARY:

- *4+ years of experience on Performance Testing and Performance Engineering relevant automation tools JMeter/Load Runner/Performance Center*
- *Create / Review and understand performance requirements and performance test plan*
- *Develop performance scripts, conditions, assertions, data and expected results using JMeter/LoadRunner within Azure environments*
- *Design and or use existing performance scenarios for Performance, Load, Stress, Endurance and Chaos testing to collect, measure and analyze the impact to applications, service layers and core systems components (servers, networks, storage, JVMs) performance*
- *Involved in performance, diagnostic and tuning activities specific to java software, services and web technology*
- *Understands and defines systems monitoring, collects and analyzes monitoring data in production to support root cause analysis using Application Performance Monitoring (APM) based solutions and others*
- *Works with key solutions architects and business managers to define the Key Performance Indicators (KPIs) and Service Level Agreement (SLA) for all the business processes to be tested*
- *Works closely with development to analyze, discover and conduct performance causal and mitigation methods*
- *Design and develop performance test plans, test cases based upon requirements and Customer use casesand Create and execute JMeter scripts for performance use cases*
- *Experience in performance analysis at different layer such as Database tuning, JAVA Tuning and UI tuning*
- *Conduct performance analysis and report findings to product teams and senior management.*
- *Work closely with the development teams to analyze the performance issues, debug and resolve any issues*
- *Collaborate effectively with peer engineers and architects to solve complex problems spanning their respective areas to deliver end-to-end performance quality in our technology and customer experience*
- *Understand business use cases, internal/external performance Benchmarks, debugging performance issues, designing automation framework, decision making on issues, technical assistance in performanceanalysis and tuning DB/OS etc.*
- *Experience with scripting and testing using JMeter and good knowledge on scripting languages - Groovy*
- *Ability to work on multiple assignments simultaneously and produce high quality products and ability to create reusable performance test scripts*
- *Strong problem solving and analytical skills demonstrated by the ability to assimilate new information, understand complex topics and arrive at sound analysis and judgment*
- *Ability to work independently and as part of a team.*

Education ication	B.Com from CH Charan Singh University, Meerut in 2017
Professional Experience	Worked as Performance Test Engineer for RIG Technologies, Chennai from Sep2017 to oct2021

Projects Experience

Project #1	*Title* *: Health Care Management System* *Client* *: Zynx Health Incorporated, Los Angeles* *Environment : JMeter and Azure Cloud*
Description	*Zynx Health Incorporated is an American corporation specializing in providing evidence-based clinical decision support system solutions made available at the point of patient care through electronic health record (EHR) systems. Based in Los Angeles, the company serves over 1,900 hospitals and outpatient practices globally, though most are located in the US. As of 2012, Zynx Health products and services impact over 50% of hospital discharges in the US. Because of the company's impact on care delivery proportional to its size, Healthcare Informatics named it one of the "Most Interesting Vendors" in 2011 and included it on its HCI 100 list. Zynx Health was formed in 1996 by thought leaders in evidence-based healthcare and healthcare quality improvement.*
Responsibilities	

- *Gathered Non-Functional requirements, designed Test plan, designed workload model parameters and Test scripts.*
- *Gathering and interpreting performance test requirements.*
- *Defining the Performance Strategy, creating detailed performance test plans, and creating and executing the scripts.*
- *Design, Develop, Execute, and Analyze Performance Tests for complex applications and systems.*
- *Aa a Performance Tester will support the hands-on execution and analysis from various input sources to provide root cause analysis of performance issues and to provide where possible recommendations and potential improvements.*
- *Identifying server generated value in the script and Handle by using RegularExpressionExtractor.*
- *View the correlated value after execution by using Debug Post Processor.*
- *InsertedTransaction Controllerfor each and every page to measure the Response Time.*
- *Input the Multiple set of User inputs by using the CSV Data Set Config.*
- *Include the Cookie manger and Cache manager and clear the cookies and cache in*

runtime.

- *Inserted Assertions for each and every page request to verify the page response with expected data at runtime.*
- *Configure various types of listeners likeAggregate Graph, Aggregate Report, Hitsper sec, ResponseTime, Percentage Response Time Vs. Threads, transactionViewResults In Table and Simple data writer.*
- *Rand the Load Test Non-GUI Mode (Command Line Mode) to reduce the High Heap Memory Utilization.*
- *Execute daily performance testing delivery activities, including scripting, test execution, report creation and analysis, and defect tracking*
- *Work with the development team to analyze and resolve defects related to performance and capacity factors.*
- *Define strategies, processes, best practices & methodologies using various testing techniques & tools to bring efficiency in testing.*

Project #2	*Title : E-banking solutions*
	Client : Emirates NBD, UAE
	Environment : JMeter and AWS cloud
Description	*Emirates NBD was formed on 16 October 2007 when the shares of Emirates NBD were Officially listed on the Dubai Financial Market (DFM). The Emirates NBD 2007 merger between Emirates Bank International (EBI) and the National Bank of Dubai (NBD) became a regional consolidation blueprint for the banking and finance sector as it combined the second and fourth largest banks in the United Arab Emirates (UAE).*

Responsibilities

- *Gather & analyze the various non-functional requirements and Have a client interaction frequently to review the requirements & project tracking*
- *Involved in design the detailed performance test plane & have a review with project stakeholders & get signoff*
- *Proven experience in identifying performance bottlenecks and measuring performance of enterprise applications and servers*
- *Experience with performance monitoring tools, commands and deep understanding performance metrics*
- *Experience with Java Application Performance analysis and tuning in the contextof J2EE style server or middleware applications*
- *Handle the correlation values by using regular expression extractor in j meter*
- *Include the assertions to verifying the page response and Insert the transaction controller to calculate response time in each page*
- *Provide the CSV data set configure elements to assign multiple inputs values during the script*
- *Use the start next thread loop for error handling mechanism in script*
- *Include various types of thread groups to design & execute the load test*
- *Configure various types of listeners aggregate graph , aggregate report , hits/sec , response percentile , response time Vs. threads , transaction throughput Vs.*

threads , transactions/sec , view results in table& simple data writer

- *Ran the load test in non-GUI mode or command line mode to reduce the high heap memory utilization*
- *Analyze the various performance parameters & generate final test assessment reports including client side & server side performance metrics.*

Project #3	*Title* : **on-line Banking**
	Client : **Bank of Ireland (UK) Plc**
	Environment : HP Loadrunner and In-house Servers
Description	*On-Line banking which is useful to the account holders at any time? This bank provides On-line banking, Checking, Savings, Credit cards, Investment and Insurance. The bank account allows account holders dynamically with some Privileges to access the account information, Transfer of money etc operations throughout the world. It also provides Loans for buying homes, Traveling, Planning for college, for higher studies, for retirement plans etc.*
Responsibilities	

- *Gathered Non-Functional requirements, designed Test plan, designed workload model parameters and Test scripts.*
- *Created/customized the scripts like Parameterization for user inputs, Correlation for dynamic data generated by servers, Dynamic Item data handling in VUGen for test script.*
- *Implemented different Loadrunner functions such as Transaction points, Verification points and Error handling code in test script to reduce the execution time.*

- *Executed the test scripts multiple times in VUGen to identify and debug the errors.*

- *Design and execute the load test with expected load.*

- *Applied various types run time settings and incorporate proper think time and pace time to meet the expected transactions per sec.*

Project #4

Title　　　　:　***Telemedicine***

Client　　　　: ***Hygen Pharmaceuticals, USA***

Environment ***: Java, JSP, JDBC, SQL Server, HTML, Java Script***

Description: *Telemedicine is an innovative process of synergizing benefits of Satellite communication technology and information technology with Biomedical Engineering and Medical Sciences to deliver the health care services to the remote, distant and underserved regions of the country. The main Vision of Telemedicine is to providing the Telemedicine Technology and connectivity between the Remote hospital and Super Specialty hospital for Tele consultation.*

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Responsibilities

- *Gathered Non-Functional requirements, designed Test plan, designed workload model parameters and Test scripts.*

- *Created/customized the scripts like Parameterization for user inputs, Correlation for dynamic data generated by servers, Dynamic Item data handling in VUGen for test script.*

- *Implemented different Loadrunner functions such as Transaction points, Verification points and Error handling code in test script to reduce the execution time.*

- *Executed the test scripts multiple times in VUGen to identify and debug the errors.*

- *Design and execute the load test with expected load.*

- *Applied various types run time settings and incorporate proper think time and pace time to meet the expected transactions per sec.*