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**CAREER OBJECTIVE**

Aspiring for assignments to work on software technologies, setting up higher goal while meeting and exceeding the current one. Add to the growth of the organization and myself, by focused hard work and by being a good team player and leader.

**PROFESSIONAL EXPERIENCE**

* 9 years of experience in IT industry. 6 years of experience into performance testing domain and 3 years into manual testing.
* Expertise in collecting performance testing requirements by interacting with Business and Architecture team and designing realistic load test scenarios.
* Responsible for preparing and maintaining project metrics, test strategy and workable plan.
* Worked on different protocols like webservices, web(http/html), COM/DCOM, Oracle 2-tier and Citrix in loadrunner.
* Enhancing the test scripts by correlation, parameterization, inserting transactions, text checkpoints and etc.
* Executed various types of performance tests like: load, stress, baseline and endurance testing to measure the speed, scalability and stability of the software applications.
* As a tester and supported the Client/Server productions system and ensuring the performance and availability requirements.
* Comprehensive knowledge of agile software development cycle, black box testing, and Performance/Load Testing.
* End-to-end responsibility of delivering all performance testing deliverables.
* Analyzing the end users data to get the user behavior and design the load test scenario.
* Setting-up and configuring the load testing machines from the scratch with Test Controllers and Load Generators.
* Recording resource utilization metrics (response times, throughputs, CPU load, memory usage etc.), identifying bottlenecks, analyzing results & publishing formal results document as per the objectives and requirements.
* Used LoadRunner Analysis to create graphs and reports, and evaluate the system performance.
* Strong experience in documenting existing process, analyzing business requirements, working with requirements Traceability Matrix.
* Analyzed and understood the functionalities of the project from business point of view by going through the **Use cases.**
* Involved in Preparation of System **Test plan** by identifying the scope of testing, out of scope of testing and also other aspects like Test Strategy.
* Designed **Functional Test cases, UI Test cases** and **Workflow Testcases** by understanding different functionalities from business point of view.
* Involved in designing of **smoke test cases** by identifying the basic functionalities to be tested for verification of the Build Generated.
* Designed **Regression test cases** for verification of the Side effects on the stable functionalities due to changes made.
* Have involved in creating Test Environment **and reviewing** the test cases prepared by the peers and contractors.
* Have involved in documenting and reporting the defect identified during test execution.
* Have used **Quality Center(ALM)** for Documenting and Executing Test cases and also to report the defects identified.
* Maintaining VM infrastructure, Performing configurations like load balancer and other third party tools
* Has mentored new hires and brought them to a productive state in a short span of time by training them on job.
* Good knowledge of **SDLC**, **STLC** and **Agile methodology.**
* Involved in preparation of **Traceability matrix** to check whether all the requirements has been covered.

**TECHNICAL SKILLS**

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| **Process Methodologies** | **Waterfall Method, V model and Agile Methodology** |
| **Performance Testing Tools** | **LoadRunner(Vugen,Controller,Analysis & LG) and Jmeter.** |
| **Performance Monitoring Tools** | **Perfmon, nmon, Sitescope, ALM, Dynatrace, JVisual VM and JConsole** |
| **Database** | **SQL and Oracle** |
| **Operating System** | **Win 7, Win8, Win2008 server R2, Win2012, AIX** |
| **Languages** | **Knowledge of C, Java and HL7.** |
| **Other Tools** | **Skytap Cloud, VMWare, Clearquest and Rally** |

**WORK EXPERIENCE** at **Athenahealth**

I am working as a **Senior Member of Technical Staff** at Athenahealth **Bengaluru** since October 2011 till date.

As Performance Engineer, responsible for defining the performance test plan, analyzing the test scenarios, defining the performance environment requirements, specifying report templates and conducting the load tests, benchmarking and interpretation of results.

**PROJECT DETAILS**

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| **Title** **: CPS(Centricity Practice Solutions)/ EMR(Electronic Medical Record)**  **GE Product** |
| **Technical : Development /enhancement of scripts in LoadRunner** |
| **Environment : Application Development for Healthcare** |
| **Role : Performance Testing and Engineering** |
| **Team size : 6** |

**Description:** Centricity Practice Solution(**GE Product**) is a web based support tool for physicians in their decision-making processes by providing links to the reference material such as drug dosage, medical text books, clinical terminology, and reminders for follow-up visits and procedures. At no time is the product making the decision for the physician; rather, it is providing data to support his or her educated decision.

**Roles and Responsibilities:**

* Provided support in the performance testing using **JMeter** task includes developing test plan, test script and reports.
* Created **JMeter** Test Scripts to measure performance and functionality of webservices, Http requests.
* Analyze all the change requests received to be performance tested and come up with Scope list. These change requests were part of different releases.
* Involved in studying/understanding the architecture of the system from the Performance testing perspective
* Preparing Test Strategy and Test plan and getting sign off for the same.
* Leading a team of 3 performance testers to carry out testing related activities.
* Performance Test Requirement Gathering, Assessment and Estimation by interacting directly with the feature team or from architects.
* Identification of Performance Testing Scenarios and Transactions
* Prepare & Review Performance Test Plans
* Created LR scripts using **Web (HTTP/HTML), Web services, COM/DCOM, Oracle-tier** and **Citrix** Protocols.
* Debugging and Fixing the Scripts during Scripting Phase
* Analysis of Profile Information Sheet (Production Volume Data) and calculating parameters/ data points (such as TPH, No. of vusers, Load Traffic Pattern et al) and emulating the production Traffic in Test environment
* Data Preparation by creating VUGen scripts to generate the data for the Performance Scripts
* Execution of Load Test using standalone controller and HP Performance Center
* Executed Load and Soak tests, analyzed the results and produced performance test reports
* Made sure that Quality work is delivered on time and clients are updated with stats on weekly basis.
* Involved in Capacity/Network monitoring during the test runs and coordinated with team to gather and analyze the results.
* Results analysis and identifying the bottlenecks if any coordinating with different teams and assist them for resolving the issues.
* Involved client side and server side monitoring and analysis
* Planning, conceptualizing and monitoring project activities ensuring timely deliveries
* Designed and executed verification, validation and regression test cases.

**WORK EXPERIENCE** at **NAL**

I was working as a Junior Engineer for **NAL (National Aerospace Laboratories) Bengaluru** from Sep 2009 to Oct 2010.

**PROJECT DETAILS**

**Project #1**

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| **Title** **: NALFOQA (NAL FLIGHT OPERATION QUALITY**  **ASSURANCE)** |
| **Technical : Validation of the results of different flights** |
| **Environment : Application Development for Flight** |
| **Role : Functional Testing(Verification and Validation)** |
| **Team size : 8** |

**Description:**

The primary purpose of Flight Operation Quality Assurance (FOQA) is the enhancement of air safety. The FOQA program involves the routine analysis of the flight data generated during the line operations in order to reveal situations that require corrective action and to enable early corrective actions before problems occur. To institute such a program, airlines would need to develop a system that captures the flight data, transforms the data in to an appropriate format for analyzing the data. The FOQA program significantly enhances line operational safety, training effectiveness, operational procedures, maintenance, engineering procedures, Air traffic control procedures and Airport surface issues.

**Roles and Responsibilities:**

* Understanding the **Business requirement document.**
* Involved in **developing the test scripts** using **keyword driven frame work.**
* Writing the test cases and execution in QC.
* Involved in **smoke testing, UI Testing, Functional testing, and Regression testin**g.
* **Defect reporting** using **Quality center**.
* Actively involved in **Reviewing** the test conditions, test cases and test scripts
* Sending Reports on a daily, weekly and monthly basis.
* Checking the validation of flights on NAL FOQA
* Contributed significantly in testing and validation of the flight parameters.
* Converted different raw data as per the Company standards.
* Configured Parameters, Phases and Events for different flights.

**Project #2**

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| **Title : IGAPS (INTEGRATED GLOBAL AVIONICS PROSESSING SYSTEM)** |
| **Technical : Requirement specification.** |
| **Environment : Application Development for Flight.** |
| **Role : Documentation of the requirements.** |
| **Team size : 4** |

**Description:**

IGAPS is an integrated modular avionics processing system having main processing cabinet connected by number of remote data concentrators (RDC). Avionics cabinet hosts the modular cards for processor, IO, mass memory, global bus and so forth. The main purpose of this project is to capture flight data, transform the data into an appropriate format for analyzing the data. There are two processing systems in order to check the redundancy in the system.

**Roles and Responsibilities:**

* Contribution in documenting client requirements.
* Technical Documentation of IGAPS.

**EDUCATIONAL QUALIFICATION**

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| **Qualification** | **Name of Institution/Board** | **Year of Passing** | **Aggregate %** |
| BE (E&C) | Don-Bosco Institute Of Technology, Bangalore/VTU | 2009 | 65.3 |
| Diploma (E&C) | K.H.K Institute Of Technology, Dharwad/DTE | 2006 | 55 |
| S S L C | St.Michael’s Convent High School/Karnataka State Board. | 2000 | 60 |

**PERSONAL INFORMATION**

Name : Vishnuteertha

Father’s Name : Suresh .G .B

Nationality : Indian

Date of Birth : 09/06/1984

Passport No : J4623179

Languages Known : English, Hindi and Kannada.

**DECLARATION**

I hereby declare that the above written particulars are true to best of my knowledge and belief.

Place: Bengaluru

Signature

Date: