**Lavanya BV**

**Senior QA Analyst**

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| **Summary** |

* 8+ years of experience in Information Technology, with specializing in **Software Quality Assurance Testing,** proficient in testing on **Windows** and **Web based applications,**worked in various domains like **HR, Utility**, and Healthcare.
* 3+ years of experience in writing automated scripts using **Selenium Webdriver, Selenium Grid Junit,Cucumber,Maven and Jenkins** for **Continuous Integration**
* Strong knowledge of Software Development Life Cycle (**SDLC**) & Software Testing Life Cycle (**STLC**)
* Extensive working experience in **Agile** (**Scrum**) and **Waterfall** methodologies.
* Testing of applications both**manually**and **automated** tools like **Selenium in Windows and UNIX environment.**
* Involved in Manual and Automated testing of applications on **Windows/UNIX** Environment
* Good Experience on writing Junit test cases by using **PowerMockito**, Mockito, JMockito.
* Analysed scope, requirement documents and provided detailed estimations.
* Experience in creating **Test Plans**, defining **Test Scenarios** and **Test Cases,** developing and maintaining **test scripts**, **analyzing bugs** coordinating with development team and track the bug fixes till closure.
* Experience of creating test data for validating the functional components of an application.
* Experience includes **Unit Testing**, **Integration testing**, **System testing**, **Smoke testing**, **Functional testing**, **Sanity testing**, **Regression testing**, **user Acceptancetesting** and Non-Functional like **Compatibility testing**, **Cross browsing** , **Security testing** and **beta testing** in every release
* Strong experience writing **SQL** queries in Oracle.Performed root cause analysis about the issue by verifying application **logs**, **SQL queries** and comparing them with the application.
* **Experience in performing database testing and working withSQL queries and database like Oracle, MySQL.**
* Identified and documented defects using Test management tools like **XMS, Rally and Quality Center**,
* Experienced in making **Data Driven** and **Keyword Driven framework** to maintain test suite.
* Experience in **SOA** with **RestFul/SOAP Web Services**, Web API with SOAP**UI.**
* Experience of **Load Runner** for Performance Testing using **VuGen**, **Controller and Analysis**.
* Tested mobile applications using **IOS**, **android** devices.
* Interacted with the design, development team to get clarifications and fixing the issues.
* Good Knowledge on **Java Script**, **VB Script** and UNIX.
* Played as an excellent team player and proactively coordinated with design and programming teams.
* Highly motivated team player with analytical, organizational and technical skills, unique ability to adapt quickly to challenges and changing environment.

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| **Technical details:** |

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| Testing Methodologies | System Testing, Functional Testing, Integration, Black Box, White Box, User Acceptance, Regression, Integration, beta testing. |
| Testing tools | **Quality Center**,**XMS**, QTP,**Selenium**, Load Runner, **SoapUI**, Jira, Bugzilla, RC/Webdriver, SQLDeveloper, **Cucumber**, PowerMockito,Junit. |
| Database | Oracle 11g, MS SQL Server 2005, XML |
| Operating System | Windows, Linux, UNIX |
| Languages | Java, **Asp.Net,C#.Net**, XML, HTML, Java Script. |
| Web Services | SoapUI, SOAP, Restful services |
| Browsers | Internet explorer, Mozilla Firefox, Google Chrome, Safari , Opera |
| Tools | FileZilla, Putty, Winscp, Clear Case, MS Office Tools, Ant, Maven, Jenkins, Adobe, Source Gear Vault, Ultra Edit, Edit Plus, Team Viewer, Join.me, MS word, PowerPoint, Excel |

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| **Education:** |

Master Degree (Computer Science) from Nagarjuna University in 2007.

Bachelor Degree (Computer Science) from Nagarjuna University in 2005.

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| **Work Experience:** |

**Client**: ADP**March 2015 –Till Date**

**Location**: Atlanta, GA.

**Role**: QA Analyst

**Project Name:Vantage Application**

ADP Vantage HCM is a strategically focused, globally scalable HR system that delivers unmatched expertise and service, comprehensive unified services, innovative and intuitive technology, and valuable insights to help unlock your workforce’s maximum potential. It contains module like People, Payroll, HR modules. In people module NewHire, Rehire, Job Informationetc.

**Responsibilities:**

* Understanding the requirements by verifying the projects **scope**, **work requests** and Coordinating with **Design**, **PG** to get the detailed information about the project.
* Followed **Agile Scrum methodology**, participated in Sprint planning sessions, daily Stand up meetings, conferences and walk-through to understand the business and testing requirements and to plan the testing process on a regular basis.
* Coordinated the **Peer Review** with Test Lead and project team for detail test cases and steps and providing the detailed estimation completion dates for the given task.
* Worked on **Requirement traceability matrix** (RTM), **Test data**,**Test cases** and map the test cases to the (**RTM**).
* Written **Junit** test cases with **PowerMockito framework**and used**ECLEMMA**for code coverage.
* Performed **White Box Testing**for code defects by verifies the code.
* Expertise in Selenium Automation using **Selenium WebDriver**, **Selenium Grid**, **Java**, **Junit&Maven**
* Used **id, name, linktext**, **XPath** and **DOM** to work with dynamic and static objects in **Selenium**.
* Designed and executed the Automation Test Scripts using **Selenium WebDriver and Junit**
* Developed **automated tests** in **java** using **Selenium Webdriver,junit, cucumber** framework.
* Used **Jenkins** continuous integration server to run **Selenium**automated test suites.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid** and **Jenkins.**
* Performed the **back-end testing** to ensure data consistency on **front-end** by writing and executing **SQL** queries.
* Worked on Performance Testing using **Load Runner** by creating the Scripts using **VuGen**, creating the users and executing the script using **Controller**, **monitoring** the processes and analysing the processes
* Performed **Non-functional** Testing like **browser compatibility, cross browsing**, **External interface** testing.
* Performed functional testing of **SOAP and RESTFUL Web Services using SOAP UI Tool.**
* Tested request and response XML's based web services interfaces using **SOAP UI.**
* Reported software defects Rally and interacted with the developers to resolve technical issues.
* Analyzed test results, tracked the defects and generated reports using **Rally.**
* Verifying the all the **log files** and troubleshooting the **root cause** of the issues.

**Environment:**Agile,Java, **Selenium WebDriver**, Junit, Maven, Jenkins, SOAP UI, Firebug, XML, Rally, Internet Explorer, Chrome, Firefox, Oracle 10G, Windows, PowerMockito.

**Client**:SEData Communication**Jan 2013 --Feb2015**

**Location**:Atlanta,GA.

**Role**: QA Analyst.

**Project Name:Automated Business Rules Engine**

UBS is Utility Billing System software is mainly designed for Electricity Billing Companies. UBS contains major modules like Service Orders, Search, Inquiry, Arrangement, Adjustments, Rules Engine, Bill Prog, Reports. Rules Engine module is implemented to enforce business policies across different software channels in a consistent manner. This will improve the overall work flow efficiencies within the organization. Implementation of a business process on the rules engine platform will also provide flexibility at the organization level to customize and configure their business rules and policies without any additional custom coding requirements.

**Responsibilities:**

* Understanding the requirements by verifying the projects **scope**, **work orders** and Coordinating with **Design**, **PG** to get the detailed information about the project.
* Participated in **weekly meetings**, conferences and walk-through to understand the business and testing requirements and to plan the testing process on a regular basis.
* Coordinated the **Peer Review** with Test Lead and project team for detail test cases and steps and providing the detailed estimation completion dates for the given task.
* Worked on **Requirement traceability matrix** (RTM),**Test data**,**Test cases** and map the test cases to the (**RTM**).
* Performed **Smoke Testing**, Positive and Negative Testing and **Usability Testing** for testing the application.
* Executing the test cases and reporting the issues with detailed recreate steps.
* Developed **automated tests** in **java** using **Selenium Webdriver, Junit** and **TestNG**.
* Used **XPath** and **DOM** to work with dynamic and static objects in **Selenium**.
* Used **Firebug** and **Firepath** to write automated test scripts using **XPATH**.
* Writing SQL queries using **Oracle** and validating the application with **back end data**.
* Designed and executed the Automation Test Scripts using **Selenium WebDriver and TestNG.**
* Performed Data driven testing using **Selenium WebDriver, TestNG functions and JDBC Connections** which reads data from scripts using property and XML files.
* Designed and implemented different automation frameworks from scratch like **KeyWord frameworks**, datadriven frame work and Hybrid Framework for **Selenium** test scripts in our Business rules Engine project.
* Implemented Automated execution of tests (nightly and need based) using **Maven andJenkins**.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid** and **Jenkins.**
* Worked on Performance Testing using **Load Runner** by creating the Scripts using **VuGen**, creating the users and executing the script using **Controller**, **monitoring** the processes and analysing the processes
* Performed **Non-functional** Testing like **browser compatibility, cross browsing**, **external interface** testing.
* Performed functional testing of **SOAP and RESTFULL Web Services using SOAP UI Tool.**
* Tested request and response XML's based web services interfaces using **SOAP UI.**
* Reported software defects in **Quality Center** and interacted with the developers to resolve technical issues.
* Analyzed test results, tracked the defects and generated reports using **Quality Center**.
* Verifying the all the **log files** and troubleshooting the **root cause** of the issues.
* Followed **Agile testing methodology**, participated in daily **SCRUM** meetings
* Tested PowerNet App in **IOS**, **android** devices by using simulators,

**Environment:Agile,**Dot Net**,**Java, **Selenium WebDriver**, TestNG, Maven, Jenkins, , SOAP UI, Firebug, Firepath, XML, XPATH, DOM, **Quality Center**,XMS**Agile**, Internet Explorer, Chrome, Firefox, Oracle, Windows.

**Client**: SEData Communications**Jan 2012 -- Dec 2012**

**Location**:Atlanta, GA.

**Role**:QA Analyst

**Project Name: Automation of Service Requests**

This is to automatically process or cancel the service requests like connect, disconnect and reconnect based on the configuration settings like desired date, thresh hold cut off amount etc.Also for readings it automatically gets the reading from AMR vendors by using web services.

**Responsibilities:**

* Understanding the **requirements** by verifying the projects scope, work orders.
* Coordinating with Design, PG to get the detailed information about the project.
* Participated in **weekly meetings**, conferences and walk-through to understand the business and testing requirements and to plan the testing process on a regular basis.
* Used **Quality Center** as creating for Requirements, Test plans,Test Set,Defects.
* Performed the testing of Web methods in **Junit** and Testing framework using **Selenium WebDriver**. Executed the test scripts using **Selenium Web Driver**validate the actual and expected results Responsible for Automation Scripts & library functions maintenance.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**.
* Designed and executed the Automation Test Scripts using **Selenium WebDriver**and **Junit**.
* Configured **Selenium WebDriver**, **Junit** &**Ant**;created **Selenium automation scripts** in java using **Junit** prior to **agile** release.
* Successfully Completed User Acceptance Testing (UAT) on each release of the project with the help of end user requirements.
* Developed **Web Services** Tests with **SOAP UI** to test SOA platform.
* Developed automated testing suite in **SOA test** and **SOAP UI for Rest API testing**.
* Conducted **backend testing using SQL queries** to validate data for database and Used **SQL queries** for retrieving data from database for executing user specific test cases.
* Analyzed test results, tracked the defects and generated reports using **Quality Center**.
* Verifying the all the **log files** and troubleshooting the **root cause** of the issues
* Tested the application in **Mobile devices**.

**Environment:**Agile,Dot Net,Java, Selenium WebDriver, TestNG, Maven, Jenkins, , SOAPUI, Firebug, Firepath, XML, XPATH, DOM, Quality Center,XMS Agile, Internet Explorer, Chrome, Firefox, Oracle, Windows.

**Client**:DATAWEST**July 2009 -- Dec 2011**

**Location**:Atlanta,GA.

**Role**:QA Analyst

**Project Name: POWERNET**

POWERNET is mainly designed for Utility providers which can support metered services like Electric, Water, Gas and also non metered services like internet, sewer etc. POWERNET contains 3 major systems like Consumer Account Billing, General Accounting, and Capital Credits. POWERNET’s Consumer Information System (CIS) and Billing software is the easiest, smartest, and most secure means of managing consumer accounts for any type of utility service.

POWERNET consumers billing system contains important modules like Service Requests system, Meter File Maintenance, Location File Maintenance, Cash Register, Collection System, Adjustments, Bill Payments, Arrangement, Batch Programs(reports), Customer Portal Application etc.

**Responsibilities:**

* Understanding the **requirements** by verifying the projects scope, work orders.
* Coordinating with Design, PG to get the detailed information about the project.
* Participated in **Daily meetings**, conferences and walk-through to understand the business and testing requirements and to plan the testing process on a regular basis.
* performed **Unit Testing**, **Integration testing**, **System testing**, **Smoke testing**, **Functional testing**, **Sanity testing**, **Regression testing**, **user Acceptancetesting** and Non-Functional like **Compatibility testing**, **Cross browsing** , **Security testing** and **beta testing**
* Involved in complete QA Life Cycles.
* Executing the test cases and reporting the issues with detailed recreate steps.
* Preforming all the Client, business side validation.
* Writing **SQL queries** and validating the application with back end data using **Oracle**.
* Worked on **Requirement traceability matrix** (RTM) to map the test cases to the requirements.
* Generated Defect Reports using **XMS** Defect Module.
* Verifying the all the **log files** and troubleshooting the root cause of the issues.

**Environment:Agile Methodology**, Dot Net, Oracle, Windows, Linux, , Web services, Windows services, XML, **XMS**, Quality Center, Bug tracker, Fiddler, Web Service Studio

**Client**:DATAWEST**Jan 2009 -- June 2009**

**Location**:Atlanta,GA.

**Role**:QA Manual Tester.

**Project Name:POWERNET-Custom-ETL**

This project is to update the POWERNET master tables with data collected from various sources like third party generated files ex: hand held devices, AMR, Postal certified contact info files using a dedicated windows services. The service is responsible for communicate and download the files from various sources like FTP, Linux System and third party web services to local server. This Windows Service is responsible for extracting the data from downloaded files and transforming them to temporary tables. And from temporary tables the data will be updated to original master tables. This window also writes detailed log about each transforming file and makes sure that the file is transformed correctly.

**Responsibilities**:

* Understanding customer requirements.
* Participated in **weekly meetings**, conferences and **walk-through** to understand the business and testing requirements and to plan the testing process on a regular basis.
* Verifying the customer file layouts, validate the files with those files lay outs.
* Verifying downloaded file data and temporary tables. And comparing temporary table with master table.
* Worked on **Requirement traceability matrix** (RTM) to map the test cases to the requirements.
* Creating the test cases by reading the work order
* Performed **Smoke Testing**, Positive and Negative Testing and **Usability Testing to get the reading from the third party tools**.
* Verifying the log files and troubleshooting the root cause of the issue.
* Providing the detailed estimates for the given task based on the project deadlines.
* Documenting the issues in **Quality Center** and **XMS** Bug tracking tools.
* Executing the test cases, reporting the issues to the programs with complete recreate steps and screen shots.
* Updating the daily status to the team in the daily scrum meeting.

**Environment: Agile Methodology,**Dot Net, Oracle, Windows, Linux, Windows Services, Web Services, Web API, XML, XMS, Bug tracker, Fiddler, Web service studio.

Client:DATAWEST.**May 2008-- Dec 2008**

Location:Hyderabad,India.

Role:QA Manual Tester.

**Project Name: EMS(Expert Management System)**

Expert management system is internal web application developed to track the projects in a software company. As per SDLC the XMS allows creation of new projects, creation of the work orders in the projects, moving the work orders Design to PG to QC to Release management to Imaging etc. XMS also use role based security and restrict the user action based on the project member Role. XMS also tracks the files modified for each work order, each project and also for the each release. It also produces reports like projects or work orders created, closed, between the dates, it also gives the current open projects, work orders at any point of time.

**Responsibilities**:

* Understand the requirements.
* Provide detailed estimation completion dates based on the project deadlines.
* Participated in weekly meetings, conferences and **walk-through** to understand the business and testing requirements and to plan the testing process on a regular basis.
* Worked on **Requirement traceability matrix** (RTM) to map the test cases to the requirements.
* Analysing and creating test cases.
* Performed Smoke Testing, **Positive** and **Negative** Testing and Usability Testing for the Arrangement, cash register module.
* Generated Defect Reports using **Quality Center** Defect Module
* Validating business, client side edits, tested functionality in different browsers.
* Testing the applications with different role logins.
* Responsible for performing Functional, System, Integration and Backend testing
* With different logins verify the role based security and its options.
* Updating the status to the team on daily scrum meeting.
* Performing Root Cause Analysis for the defects of every release.

**Environment: Agile Methodology,**ASP.net, Java script, SQL server, Linux, Windows.

**Client**:FHPL**June 2007-- April 2008**

**Location**: Bangalore, India.

**Role**:QA Manual Tester.

**Project Name: Managed Health Care**

M-Care is a Managed Care Information Systems that has a complete suite of modules intended for automation of Health Insurance Companies, Health Management Organizations and Third Party Administrators. M-Care has international best practices mapped to it. It offers an inbuilt scalable model with its de-centralized architecture that enables processing from multiple centres.  M-Care has a well-developed web interface that provides a secure and real-time information access to individual members, healthcare providers, employers and insurance companies.

This contains modules like enrolment, Provider registration, policy creation, claims, customer care, bank registration etc and I have worked on enrolment, customer care modules.

**Responsibilities**:

* Understanding the business requirements and work requests.
* Comparing windows form with the web screens and their logs.
* Providing the detailed estimates considering the project deadlines.
* Involved in **Test Case Preparation** and **Test Case Execution Manually**.
* Performed **User Acceptance Testing** on behalf of **End Users** at client’s environment**.**Generated **Weekly Reports**, Defect Reports using QC and Customized Summary Reports.

**Environment: Agile Methodology,** ASP. Net, Oracle, Windows, JavaScript, Internet explorer, Fire Fox, VSS, Bug Tracker