**Nalini Palepu**

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**PROFESSIONAL EXPERIENCE**

* **6 years of experience in Software Quality Assurance. Involved in planning, designing, development and deploying testing strategies for large scale Client Server and Web based applications.**
* **Proven skills in all phases within the Software Development Life Cycle (SDLC) and strong in the implementation and maintenance of Quality Engineering Processes.**
* **Proficient in performing Manual Testing, and working knowledge on Automated Testing using tools like Quick Test Professional (QTP), Test Director and Quality Center.**
* **Extensive experience in Functional testing, Integration testing, Regression testing, Back-end testing, Browser Compatibility testing, Ad-Hoc testing, Exploratory testing, Black Box Testing and System Testing and User Acceptance Testing (UAT).**
* **Experienced in Testing Methodologies, Validation and Verification to ensure Software Quality Control and meeting the demands set by Client.**
* **Worked on different software development methodologies like Waterfall, V-Model and Agile.**
* **Worked with TOAD tool to test and debug T-SQL stored procedures, user defined functions and other data base objects, SQL queries. Worked with Team track for managing system change requests and work requests.**
* **Excellent experience in migration of data from Excel, Flat file, to Microsoft SQL Server.**
* **Strong in writing SQL queries for data verification and backend testing, procedures. Expert in writing T-SQL, working on DTS, SSIS,SSRS, SSAS, Data Cleansing, Data Scrubbing and Data Migration**
* **Experienced on working with Big Data and Hadoop File System (HDFS).**
* **Hands on experience in working with Echosystems like Hive, Pig, Sqoop, Map Reduce, Flume, Oozie.**
* **Strong knowledge of Hadoop and Hive and Hive’s analytical functions.**
* **Excellent communication skills and strong interpersonal skills, which provide me the ability to interact with diverse teams (Development and Marketing teams etc) to achieve quality related objectives.**

**TECHNICAL SKILLS**

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| **Operating Systems** | **MS DOS, Windows NT/2000/ME/XP/Vista, Unix and Linux** |
| **Programming Languages** | **C, JAVA, SQL, PL/SQL, CSS, HTML** |
| **Office Software** | **MSOffice (Word2007, Excel 2007,Power point),Editplus,TFS** |
| **Database Technologies** | **Oracle 9i/10g/11g , MS Access, MS SQL Server  2005,2008** |
| **Testing Tools** | **Quick Test Pro (QTP) 9.2, Test Director 8.0,Quality Center 10.0, 9.2,  and Jira.** |
| **Network and Protocols Knowledge** | **TCP/IP, LAN/WAN, VPN, HTTP, HTTPS, FTP.** |
| **Version Control Software** | **IBM Rational Clear Case, MS Visual Source Safe 6.0.** |
| **ETL Tools** | **Ab Initio,Informatica 6.1, 7.1, 8.1, 8.6.1,9.x (Power Center/ Power Mart (Designer, Workflow))** |
| **Database Modeling** | **Star Schema, Snowflake schema, Fact and Dimensions Tables, Physical** |
| **GUI Tools** | **DB Studio, TOAD and MS Visio, Erwin** |

**PROFESSIONAL EXPERIENCE**

**Citigroup, Warren, NJ Aug 2012 - Present**

**ETL QA Test Analyst.**

**Responsibilities / Accomplishments:**

* **Supported regression testing with each release to ensure Futures data has only intended changes.**
* **Thoroughly tested new Ab Initio ETL load by comparing it field by field with existing data load done using mainframe.**
* **Tracking the project using TFS.**
* **Involved in regression testing the data store for all releases through complex SQL queries for data comparison.**
* **Designed test plans and executed manual and automated test cases for different test strategies/ scripts using QTP, test plans for assigned modules within the application. Communicated the execution status to the test manager**
* **Perform Data Integration, Data comparison and Data Validation for Back End Testing by using SQL**

**Queries (TOAD).**

* **Effectively used Quality Center to report, track defects and generated defect reports.**
* **Closely worked with development team in creating a query driven exception reporting infrastructure**
* **Involved in data migration from daily tables to yearly tables and purging daily tables.**
* **Performed daily batch cycle start and stop check-outs, DB release check-outs and code release check-outs.**
* **Assigned defect tickets to developers and project leads though Quality Center.**
* **Created test scripts for regression testing, load testing, performance testing, and stability testing.**
* **Communicated with user groups to seek release approval after successful UAT.**
* **Maintained housekeeping shell scripts for environment maintenance and monitoring.**
* **Used several UNIX commands on a daily basis for doing system check-outs and data comparison.**
* **Developed SQL queries to compare Production and UAT data in same tables using row to row comparison as well as at different levels by extensively using group by and sub queries.**
* **Performed bcp loads to transfer data between several test data servers using shell scripts.**
* **Developed reports using Ad-hoc reporting.**
* **Extensively used T-SQL to verify and validate the data loaded to the SQL Server**

**Environment: Mercury Quality Center, QTP, Ab Initio,TFS,Toad, Windows, Sybase, VB Script, Shell Scripts, SQL, UNIX, Informatica 6.1,7.1,8.1,8.6.1,9.x(Power center),ssis,ssrs.**

**AIG, Manchester, NH Aug 2011 - Aug 2012**

**ETL QA BI Test Analyst**

**Responsibilities / Accomplishments:**

* **Identified, Analyzed and Documented the Product, Software and Testing Requirements.**
* **Implemented Autosys job definitions with dependencies among data loading programs.**
* **Involved in integration of all the systems in different regions into one single system.**
* **Frequently met with users and other development groups to analyze business requirements and transform them into developmental tasks.**
* **Involved in testing batch load weekly feed from a mainframe system that contains in-force policies. This feed can contain different record formats based on the region where the policy is in force**
* **Created test plans and test scripts for GUI feature releases as well as back-end data augmentation releases.**
* **Preparing and analyzing Weekly and Monthly status reports.**
* **Used Informatica Power Center 8.6.1 for extraction, loading and transformation (ETL) of data in the data warehouse.**
* **Involved in projects from design phase to develop test strategies and test plans.**
* **Communicated UAT status to users and stake holders on a daily basis.**
* **Proactively sent alerts with defects found in testing to help project managers assess the impact on project schedule.**
* **Implemented Database Checkpoints for Back-end Testing**
* **Developed complex SQL queries to test the data augmentation release.**
* **Performed regression testing for DB releases involving large volumes of data.**
* **Tracked defects through resolution involving multiple teams.**
* **Extensively used Quality Center for defect tracking and assignments.**
* **Performed the Back-end Integration Testing to ensure data consistency on front-end by writing and**

**executing SQL statements.**

**Environment: Mercury Quality Center,VB.Net,TFS, ASP.NET,C#,MS SQL Server 2005/2008.SSIS,SSRS,SSAS,SQL,PL/SQL,T-SQL ,ASP.NET, SharePoint, java Script, HTML, Ab Initio,Windows, Oracle 9i, VB Script, SQL, UNIX.**

**Macys, San Francisco, CA Dec 2010 - July 2011**

**ETL Tester**

**Responsibilities / Accomplishments:**

* **Reviewed and analyzed the user/business requirements, functional specs and Use Case documents for Add to Bag Re-design.**
* **Involved in whole process of Black Box Testing (Integration testing, end-to-end testing, System testing, Security Testing, GUI testing, Database testing, Regression Testing and User Acceptance Testing) for Shop & Browse application.**
* **Performed all phases of testing for Macys wedding registry, Checkout Re-factor.**
* **Monitored application logs for Macys.com and Bloomingdales.com.**
* **Created End-to-End testing tasks and generated estimates to ensure the complete flow of the project.**
* **Performed backend testing of the application using SQL queries for the Content Testing.**
* **Written and executed all product backlog stories related to International Mode, MCom Proper Mode and Registry Mode for Shop and Browse Project.**
* **Conducted Cross browser testing with IE 8.0, IE 7.0, N, Firefox 3.6, Safari 5.0.2, and Google Chrome.**
* **Involved in Bug Reporting using Quality Center and coordinated with developers and revalidated the fixed bugs.**
* **Executed SQL queries using Toad to set up test data.**
* **Reviewed log files(opened  the log file by connecting to appropriate directory in the UNIX box by providing  UNIX commands) and reports to identify program processing errors and possible improvements**
* **Expertise with Agile scrum process.**
* **Participated in daily Stand-Ups, Team Planning meeting for each Iteration and Retrospective meetings.**
* **Interacted with Offshore team and updated the status of assigned tasks for Shop and Browse application during Scrum meetings.**
* **Tested data warehouse ETL process using SSIS (Integration Service).**

**Environment:  Quality Center, Mingle, Test Link, Oracle 9i, Java Script, SSIS,SQL,DB2,**

**GAP, Philadelphia Feb 2010 - Nov 2010**

**QA Engineer**

**Responsibilities / Accomplishments:**

* **Involved in drafting the test cases and definition of the automation scope.**
* **Authored a test plan with over a hundred test cases involving all four modules of the**
* **Project.**
* **Developed several test scripts to replace the manual testing that has been performed**
* **Previously.**
* **Active contributor in weekly meetings with the client to analyze business requirements and**
* **Transform them into testing tasks.**
* **Involved in automating 95 test scenarios out of 128 identified by the business users.**
* **Developed complex SQL queries to cross verify the changes made on the application**
* **Screens.**
* **Extensively used Quality Center for defect tracking and assignments.**

**Environment: HP Quality Center, HP Quick Test Pro, VB.Net, C#, People Soft 8.8, Windows, Oracle**

**9i, VB Script, SQL, UNIX.**

**Virtusa,Hyd,India Mar 2007 - Sep 2009**

**QA Tester**

**Responsibilities / Accomplishments:**

* **Prepare Test plan, test scripts**
* **Development of Test scenarios and Test cases based on requirements for integration test**
* **Involved in Test Case reviews, update Test Cases based on change requests (CR)**
* **Performed Functional Testing, GUI testing, Regression Testing, integration, system, backend testing. Testing Messaging Backbone on distributed platforms (MQ Series testing) in mainframe environment. Involved in test document preparation thought out testing phases in SDLC**
* **Tested the web application starting from verifying the front-end interface for GUI. Coordinated with users in conducting User Acceptance Testing (UAT) and applications successful deployment to user environments.**
* **Worked on XML data extraction and implementation**
* **Involved extensively in 835 XML transactions**
* **Data extraction and submission using PL/SQL**
* **Involved in test execution, verification and validation.**
* **Performed Security Testing for unauthorized access of the web application with Positive and negative testing.**
* **Involved in database validation by extensively using SQL Queries, Joining tables to extract the data from the database.**

**Environment: Java 2.0, JSP, Java Script, J2EE, Oracle 8i, JBoss application server, IBM Mainframe/AS400, DB2, CICS and OS/400, PCS/WS, PVCS, Cycle Planner, PL/SQL**

**Education: Master in Computers Science, Osmania University, Hyderabad**