Sucharitha M **sucharithamale@gmail.com | 980-318-3666**

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| **PROFESSIONAL SUMMARY:** |

**Over 8+ years of experience**in Database, ETL, Functional, Manual QA testing and excellent knowledge in Data **warehousing Concepts & ETL based** applications. Well-versed with all stages of **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC) and Business Processes.**

* Experience in testing various data warehouses/data marts using Informatica Power Center, DataStage & SSIS ETL.
* Scheduling & executing Jobs through Autosys and monitoring jobs /workflows in Informatica & DataStage.
* Good understanding of DW concepts, ETL and reporting applications.
* Experience in validating data loads in SCD, Fact tables, Aggregates and Views.
* Experience and Very good knowledge in Validating Supply chain Management systems, creating PO (Purchase Order) and ASN (Advance Shipment notification) validation.
* Experience in validating different source files data for data quality checks, validate technical and business lineage.
* Experience in understanding Mappings, TDD’s, creating scenarios and test cases and prepare Test Data.
* Strong expertise in Relational data base systems like Oracle, SQL Server, AWS RDS services ans MS Accesss
* Having experience validating XML files and loading into data ware house and end to end testing.
* Trouble shooting and analyzing the XML files load failures.
* Experience in writing and executing SQL queries in T-SQL to validate and analyze data.
* Very good Experience in testing of .Net, Java, Web, SOA Applications
* Good in understanding of Java code and perform unit testing
* Experience in SSMS (SQL Server Management Studio), SQL Developer, Toad and dB Visualizer for writing queries.
* Knowledge in ETL Validator (ETL Testing Automation, Data Quality & Data Profile Testing) and conduct data analysis and data mining, review and Analyze results with business teams.
* Knowledge in Snowflake ETL, AWS , Azure cloud and use best practices in Cloud Data Migration efforts.
* Experience in validating SSRS Report, Tableau Reports, OBIEE and SAP BO Reports.
* Well versed with SDLC, Agile and Waterfall methodologies.
* Experience in executing Autosys jobs to load history and real-time data in Enterprise data warehouse, data marts
* Experience in loading daily, one time data in to target tables and analyzing error logs and failures
* Experience in Black Box, Smoke, System Integration, Regression, Functional and end to end Testing.
* Experience in writing SQL and PL/SQL scripts for data profiling, data analysis
* Proficient in ALM for Test Designing (Test Lab, Test Plan), Test Execution and Defect Tracking.
* Experience in creating defects, uploading test cases to ALM and in Jira
* Extensively worked with batch scheduling tools like Autosys to run and monitor the Jobs & workflows
* Experience in validation of source files and in Unix /Linux commands
* Experience in working closely with all levels of business and project teams to support the UAT & End to End testing
* Clear understanding of business needs and ability to work in a team and individual with interpersonal skills.
* Demonstrated knowledge of software testing concepts, processes and techniques
* Experience with manual testing and ETL test techniques, BI (Business Intelligence) Tools with a strong focus on quality throughout the entire software testing life cycle.
* Experienced in DW projects, ETL testing against DW testing with Informatica technical knowledge and understanding of Data Warehousing, Data Validations, SQL, Oracle and ETL.
* Good Knowledge on BI, Dimensional modeling, Star and Snowflake schema, ETL process.
* Exposure to OLTP (online Transaction Processing) and OLAP (Online Analytical processing) versed with various types Software Development methodologies- Waterfall, Agile.
* Proficient in creating Test Strategies, Test Plans, Test Cases, Test Scenarios, RTM and Test Summary Reports.
* Experience in MDM (Master Data Management) testing using fuzzy, exact logic (Match & Merge).

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| **EDUCATION:** |

* Master of science (MSc.) in Physics, Electronics & Microprocessors from Andhra University (AU), India
* Bachelor of science (BSc.) in Math, Physics & Chemistry from Sri Venkateswara University (SVU), India

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| **TECHNICAL SKILLS:** |

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| **Test Approaches** | Waterfall, Agile, SDLC, STLC, Bug Life Cycle |
| **ETL Tool** | Informatica Power Center, IBM Data Stage, SSIS |
| **BI(Business Intelligence)/ BO** | OBIEE, Tableau, SAP BO, SSRS |
| **Tools** | SQL Developer, Toad, dB Visualizer, Beyond compare, Autosys, WinSCP, Putty, ETL Validator, AWS CLI, Easy Vista |
| **Databases** | Oracle 10g/11g, SQL Server (SSMS), AWS RDS, AWS S3 |
| **Browsers** | Internet Explorer 10,11, Mozilla Firefox, Google Chrome, Safari |
| **Operating Systems** | Windows 7/8 &10, UNIX/Linux, AWS EC2 |
| **Defect Tracking Tools** | HP ALM / QC, Jira, Confluence, Easy Vista |
| **MS Office Tools** | Outlook, Word, Excel, PowerPoint, MS Access |

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| **PROFESSIONAL EXPERIENCE:** | | | |
| **Project # 1** | Data Optimization-QMO |
| **Client** | OCPS (Orange County Public Schools) ITS Department |
| **Role** | QA Test Analyst |
| **Location** | Orlando, FL |
| **Duration** | April 2021– August 2022 |
| **Project Description:** Prior tothe OCPS District migrating toSkyward, Certify (Legacy System) provided all state reporting and Reasonability Reports by format for each survey. The Reports have count of data values for specific potentially problematic data elements that are required for survey reporting. Now that the District is in year two with Skyward as SIS (Student Information System) it is imperative that these reports be available for BPO’s to track these potentially problematic data elements by format. To provide the count for each data value for specified data elements. According to the FLDOE (Florida Department of Education), these data elements are potentially problematic. District Staff will use the reports to determine the reasonableness of the counts of data values for specific data elements extracted for state reporting. For example **Teacher Course Report / Magnet and Magnet Error Handling report / Student Course Schedule report / Missing Children** (OCPS received a list of missing student from DOE FL and SISP runs a process to find any matching student in OCPS SIS, this process need to be moved from SMS to Skyward, the missing student match report will be sent back to FLDOE & from there it will be sent to FLDE-Florida Department of Law Enforcement) / **Negative Withdrawal Report** (A report to monitor and ensure projections of graduation rates are accurate as possible; schools are in need of SHED report or other data element of unresolved negative withdrawals organized by the Cohort that they are tied to. The report should include all contact information for the student as well as student number and the withdrawal code/date.) These reports will be sourced from SQL Server Shed database.  **Roles/Responsibilities:**   * Analyze and understanding of Heat or Easy Vista tickets, FRD, TDD and create test cases * Reporting identified requirement gaps and work with BA’s to get the FR documents updated * Create User Stories for Heat / Easy Vista tickets & create test cases * Create RTM and upload test cases in ALM * Execute test cases and send QA Daily test execution summary * Attending for daily standup calls and update the status on assigned tickets and tasks * Working closely with dev team for resolving the defects. * Identification, reporting and tracking defects during testing cycles * Co-ordinate with teams to plan and execute regression test cycles. * Send daily test status and creating test summary reports and provide QA Signoff for release cycles. * Security testing for District and Non district group users * Scheduling QA / UAT Handoffs meetings & reviewing QA validation documents with Dev and Business teams. * Review Requirement clarifications with IPS (Instructional Process Specialist / BA) * Run Reports daily and validate reports data with Shed database and report mismatches * Setting up data in LC (Learning Community Codes) / Dual Enrolment Codes /School Function Setting (A, Other, Virtual, Home, A-Alternative) /Charter Status codes /School Type Codes using Skyward and validate referential data and Transactional data with the reports and tables.   **Environment**: SQL Server Management Studio 18.11.1, SSMS 19, Skyward Application, Shed Database, Micro Focus ALM 15.5.1, SSRS V15.0, Easy Vista | |

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| **Project # 2** | ETL Refresh (DataStage Migration from 9.1v to 11.7v) |
| **Client** | US Bank |
| **Role** | Data warehouse/QA Testing |
| **Location** | Remote (Charlotte, NC) |
| **Duration** | April 2020 – Mar 2021 |
| **Project Description:** US Bank is a retail bank which provides a range of checking and savings accounts, mortgages, personal loans, credit cards, and certificates of deposit (CDs). The main purpose of this project is maintaining customer’s data in existing data warehouse by developing & migrating DS jobs to latest DataStage version. Its fully migration project, migration of the jobs from Data stage 9.1 to Data stage 11.7  **Roles/Responsibilities:**   * Analyze and understanding of Jira stories, FRD, TDD and create test cases * Create User Stories for the Data Migration process, create technical data lineage documents for enterprise Data Quality management, reviewed with Data Governance team in changes to current workflows * Create Functional Requirements and validated Migration of jobs from DataStage 9.1 to 11.7 * Identifying the issues in DS 11.7 which are not encountered in DS version 9.1. * Run Autosys jobs / DS11.7 jobs and validate Jobs schedules, Status, error logs and report the issues in Jira. * Compare the daily data loads from DS11.7 environment to DS 9.1 environment &Identified mismatches. * Validating XML source files and loading into data warehouse * Validations of XML tags and values as specified in source to targetmaping document. * Managed User Stories and prepared readiness for Sprint Planning, delivered Data Migration and Reviewed with QA team, reviewed migration completeness and Data Transformation rules with business and operations teams. * Reviewed business process flows and changes to Data Engineering techniques in Sprint Review sessions. * Working closely with dev team for resolving the defects. * Identification, reporting and tracking defects during testing cycles * Co-ordinate with teams to plan and execute regression test cycles. * Send daily test status and creating test summary reports and provide QA Signoff for release cycles. * Prepared Data Sets from ETL and Data Validation and supported Tableau teams with data refresh.   **Environment**: DataStage v11.7, 9.1, WinSCP, HP ALM, UNIX, Jira, Autosys, Beyond Compare, OBIEE &Tableau | |

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| **Project # 3** | RS Enterprise Data Warehouse (RSEDW) |
| **Client** | JP Morgan CHASE |
| **Role** | Data Analyst/DB2 Refresh |
| **Location** | Wilmington, DE |
| **Duration** | Aug 2017 – March 2020 |
| **Project Description:** Retirement services Enterprise Data warehouse (RS EDW) - RS Data Warehouse and Data marts stores a high-volume of integrated, historical& granular-level data (Daily, Monthly and Year end aggregates& snapshots) and is sourced from legacy systems including Omni and DB2, weblogs, XL & Flat files by using Informatica ETL.  EDW is developed to service Retirement Plan Services, by using Informatica Power center tool it Extracts data from multiple sources, Transform it to according business needs, and Load it to the end target tables. It uses the UNIX as staging location and will create the CDC files by executing UNIX shell scripts.  Around 250 workflows/jobs created to extract & load the data in to DW& DM daily. The solution provides a centralized repository of information to support analysis of revenue activities, forecasting and reporting. Around two hundred BI Reports sourcing this data to fulfill the external clients for millions of participants for their analysis& reporting needs by Daily/Monthly/ Quarterly and Yearly. Here are different source systems integrated with RS Data warehouse by implementing ETL process.   * SunGard Omni system, Extracting and loading data from DB2 ODS * Plan setup Oracle db integration, Sales force dot com (SFDC) integration * Dream machine integration, ETools, ROL integration, Loan default integration * 401(K) advisor integration   **Roles/Responsibilities:**   * Managed Data Integration efforts for DB2 ODS and worked with SFDC teams for Functional Requirements. * Created User Stories in Jira for ETL Functional requirements and reviewed with QA teams. * Created Data Mapping and Data Modeling requirements for OLAP cubes that are running on Informatica workflows, used SQL queries to test data and result data sets for validation. * Conducted QA testing after ETL Completeness, reviewed with QA and BA for data integrity. * Used SQL to compare ETL results, validate data mapping and data profiling tasks based on requirements. * Attending to Scrum Planning, sprint review and retrospective meetings * Validating daily and full load XML files. * Creating Jira tickets and working with dev team to resolve QA impediments * Test data creation, running Autosys jobs to load tables from multiple sources * Analysis of requirements and design documents, test planning, test case creation, test execution, test reporting, and data identification * Validate Golden data records creation in SMF (Security Master File) * MDM (Master Data Management) testing using fuzzy & Exact logic (Match & Merge) * Co-ordinate release activities, Daily meetings with teams in test execution phase, to discuss the defects raised and their closure for a particular release. * Identification, reporting and tracking defects during testing cycles * Participate in implementation / release activities, providing post implementation validation   **Environment**: Oracle, Informatica Power center, UNIX, ALM, Autosys, beyond compare, Jira, SAP BO /BI | |

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| **Project # 4** | Global Collateral System (GCS) |
| **Client** | JP Morgan CHASE |
| **Role** | ETL Tester /QA Tester |
| **Location** | Bangalore, India |
| **Duration** | Aug2009 – Sep 2011 |
| **Project Description:** Global Collateral System (GCS) - GCS program is a comprehensive Client facing business initiative that will re-architect the Collateral management platform and build out core capabilities and capacity across the Collateral management and Clearance business with in Clients worldwide securities services.  GCS is Real time Data warehouse built in Oracle repository. One time jobs extracts historical data from different source systems and Real time jobs refresh the tables with online transactions performed in different source applications.  **Roles/Responsibilities:**   * Executing Autosys/ informatica workflows/jobs to load data * Compared and tested Reports from Batch jobs execution, printed and reviewed reports * Troubleshoot data issues in ETL, validated duplicate data and data sets from ETL by writing SQL queries * Performed Data integrity testing by writing SQL queries and validated Functional Requirements * Error logs analysis and finding the root cause for jobs failures * Requirements Analysis, test case review, test case writing& execution * UAT & PROD tickets analysis and support * Writing SQL Queries for Oracle db’s and test data creation in source systems/Flat files, * Conducting defect triage calls with DEV & BA team and reviewed test results * Writing Test Plans & Test Scenario's, Test Case Design & Check lists, Testing Tables and Reports   **Environment**: Orcale11i, Informatica Power center, .NET, UNIX, SAP BO, Tools: Quality Center, Autosys, OBIEE | |

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| **Project # 5** | Global Events Maintenance System (GEMS) |
| **Client** | Bankers Life and Casualty Company (CNO Financial Group) |
| **Role** | ETL Tester / QA Tester |
| **Location** | Bangalore, India |
| **Duration** | May 2008 – Jul 2009 |
| **Project Description:** The main objective of this project is to manage several events every year for their lines of business. Events range from small onetime events to regular large events with several hundred clients. The client has to register and attend events to view web casts, company home pages and various events. The Event Planners plan and setup the various events and make them available for clients and maintain events. Extract, Load and Maintain all these Events, Clients &registrations, locations etc Historical and daily events data in to GEMS Data Warehouse using SSIS ETL tool. SSRS reports are developed to generate various reports available to business users.  **Roles/Responsibilities:**   * Responsible for E2E Test scenarios efforts and in identifying test data for UAT. * Developed Test strategies, Test plans, test scripts, Testing Sign off documents. * Involved in creating the test cases for the ETL Process and daily data validation to maintain the quality of the data for the ETL solutions Proposed. * Developed SQL queries to validate daily data loads, mappings & transformations * Perform Integration testing of the module after integrating all the components * Validating SSRS reports, reporting Bugs and providing QA Signoff * Closely worked with business analysts, developers, and business users * Conducting defect triage meetings with dev team for defect resolution and closure   **Environment:** SSIS ETL,SQL Server Management Studio (SSMS), SSRS, WinSCP, Quality Center, UNIX | |