**Bhavani Govindharajulu**

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**Sr. Data Analyst**

An accomplished, quality driven IT professional with 10+ years of experience in testing Data warehouse, BI, Database, Web and Client-Server Systems and Applications & working in different projects and domains, looking forward to add value to your company through my knowledge and expertise

**Technical Summary:**

* Over all 10 Plus Years of experience in IT. Expertise in Sr. ETL Data Analyst, design, modeling, development and implementation of Data Warehouse/Data Mart Applications on various platforms.
* Extensive experience in developing Test Plans, Test Cases and Mapping Document.
* Proficient in Functional, Negative, Integration, System, Regression, User Acceptance (UAT), Security, Usability and compatibility testing during the various phases of the development of the application
* Extensively worked on various phases of Software Development Life Cycle (SDLC) in different methodologies such as Waterfall and Agile.
* Expertise in querying data using an enterprise wide RDBMS (Terada, Oracle, MS SQL Server) for data validations.
* Expertise in Testing complex Business rules by creating mapping and various transformations and writing SQL queries
* Expertise in the different modules of the HP ALM (QC) such as the Requirements, Test Plan, and Test Lab, Defects modules.
* Good understanding in Defect Life Cycle for tracking the defects with Severity & Priority.
* Created, updated and maintained Requirement Traceability Matrix (RTM) to ensure that the test cases written covered the Requirements in BRD.
* Experienced in testing the reports for both cosmetic static content and data validations as per BRD/FRS document.
* Used SOAP UI to validate the response from various WSDL file.
* Excellent knowledge in extraction, cleansing and modification of data from/to various data sources like flat files and databases processing in a corporate-wide-ETL solution using ETL Tools like Informatica ,Ab Initio & SSIS.
* Proficient in querying various RDMS Systems like Oracle, DB2, Teradata and SQL server.
* Extensively used UNIX to run the Ab Initio graph from command line and Control-M error debugging.
* Validated reports from various BI tools like SSRS, Cognos, Micro strategy for tabular, Pie Charts, Bar Graph, gage, map metrics etc. for alignment, header, and footer and other attributes.
* Tested Informatica mappings to validate the business conditions and extensively involved in analyzing the logs created by Informatica to validate the record counts and other validations.
* Loaded Flat file, fixed length, and delimited files through Informatica into Teradata tables using Unix Shell scripts
* Experienced in performing data validation and preparation of test data in UNIX environment using various UNIX commands in VI editor.
* Extensively tested Scheduled jobs in Control M as per dependency matrix.
* Performed Sanity, Smoke, Positive, Negative, Integrated, System, and Regression Testing.
* Excellent organizational, interpersonal, communications, teamwork and leadership skills with proven skill to interact across multiple levels of organizations
* Quick learner, efficient, self-motivated and success oriented. Excellent written and communication skills and ability to work independently in a time sensitive environment

**Technical Skills:**

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| --- | --- |
| SDLC/Web Service | Agile, Waterfall/ SOAP UI |
| Testing Tools | HP ALM 11.0, 11.5 / Quality Center10.0,JIRA,Quick Test Professional 10 |
| Databases | Oracle 11g/10g/9i, Teradata 13.10 , 14.0, Microsoft SQL Server 2005, 2008, 2008R2,DB2 10.1 |
| Database Tools | SQL \* Plus, T-SQL , Toad, Teradata SQL Assistance |
| Operating System | Windows (XP, Vista, Win 7), Unix |
| ETL Tool | SSIS 2008, 2008R2, Ab Initio 2.14, 3.1.7, Informatica 9.0, 9.1, 9.5  Data Stage 8.5, 8.7 |
| Business Intelligence | SSRS 2008, 2008R2, Cognos 8.4, 10.2, OBIEE 10.1.3.1/10.1.3.2, Micro Strategy 8 |
| Job Scheduler | Control M 8.0 & Auto Sys 10.0 |

**Professional Experience:**

**Caesars Entertainment, Las Vegas, NV**

**Sr. Data Analyst**

**May 16- July 17**

The goal of the project was to develop an enterprise data warehouse to implement a centralized database that collects, organizes and stores data from different operational data sources to provide a single source of integrated and historical data for the purpose of reporting, analysis and decision support and also to improve the client services. The data is integrated from sources like flat files and loaded into a central data warehouse using transformation.

**Roles and Responsibilities:**

* Worked closely with the business analyst and Data warehouse architect to understand the source data and need of the Warehouse.
* Involved in designing of star schema based data model with dimensions and facts.
* Created mappings with heterogeneous sources like flat files, MS Access, Oracle databases and created targets in Oracle data warehouse using Informatica PowerCenter 8.6.2.
* Created Source to Target mapping from design and requirement documents.
* Built reusable transformations for recurring business logics using mapplets and used them in multiple mappings.
* Created report model projects as per the requirements using Report builder in SSRS and provided for end users.
* Designed and developed mappings using Source qualifier, Aggregator, Joiner, Lookup, Router, Sequence generator, Expression, Filter and Rank transformations.
* Designed and developed test cases for unit and system testing.
* Modified Unix Shell Scripts for executing the Informatica workflows.
* Created parameters and variables for incremental data loading effectively using Informatica workflow manager.
* Created event raise, event-wait tasks for maintaining dependencies between workflows.
* Efficiently interacted with UAT team and supported system testing and fixed bugs in mappings during QA phase.
* Optimized or tuned mapping/ sessions during load testing in QA environment.
* Designed, developed, and tested various enhancements.
* Involved in production support for enterprise Informatica application.

**Environment: Informatica Power Center 8.1, Oracle 9i, Crystal report ,Hyperion, Autosys 4.5, XML, SQL Plus, PL/SQL, SQL,** **SSRS, SSAS, Shell Scripts**

**Home Depot, Atlanta, GA**

**Senior Data Analyst**

**July 15 – Apr 16**

This project involved creating various BI applications and custom reports to maximize efficiency and optimize labor productivity for Home Depot Supply Chain Management Solution. Reports were generated for various modules like warehouse operations, including physical inventory, shipping, receiving, and picking and high level management features

**Role and Responsibilities**

* Developed Conceptual, Logical and Physical data models for central model consolidation.
* Worked with DBAs to create a best fit physical data model from the logical data model.
* Gathered and translated business requirements into detailed, production-level technical specifications, new features, and enhancements to existing technical business functionality.
* Worked with Informatica Data Quality (IDQ)
* Worked extensively with Informatica ILM
* Extensively involved in Data Modeling using Erwin
* Created dimensional model based on star schemas and designed them using ERwin
* Developed Conceptual, Logical and Physical data models for central model consolidation.
* Used ERwin for creating tables using Forward Engineering
* Updated PL/SQL scripts and stored procedures for modification of data and columns
* Involved in migration of the mappings from IDQ to power center
* Applied the rules and profiled the source and target table's data using IDQ.
* Involved in Data Integration and Data Transformation using Informatica.
* Extensively worked on creating mapping parameters and variables which are used in various workflows for reusability
* Excellent report creation skills using Microsoft Reporting Services (SSRS) with proficiency in using Report Designer as well as Report Builder.
* Worked with various active transformations in Informatica Power Center like Filter Transformation,
* Aggregator Transformation, Joiner Transformation, Rank Transformation, Router Transformation, Sorter Transformation, Source Qualifier, and Update Strategy Transformation
* Extensively worked with various Passive transformations in Informatica Power Center like Expression Transformation, and Sequence Generator
* Created SSAS Tabular Model to deliver power pivot reports.
* Extensively worked with Slowly Changing Dimensions Type1, Type2, for Data Loads
* Responsible for Performance Tuning at the Mapping Level, Session Level, Source Level, and the Target Level
* Developed custom reports and deployed them on server using SQL Server Reporting Services (SSRS).
* Involved in writing Stored Procedures in SQL and extensively used this transformation in writing many scenarios as per the requirement
* Extensively worked with Look up Caches like Shared Cache, Persistent Cache, Static Cache, and Dynamic
* Cache to improve the performance of the lookup transformations
* Worked with re-usable objects like Re-Usable Transformation and Mapplets
* Extensively worked with aggregate functions like Avg, Min, Max, First, Last in the Aggregator Transformation
* Extensively used SQL Override function in Source Qualifier Transformation
* Extensively used Normal Join, Full Outer Join, Detail Outer Join, and master Outer Join in the Joiner Transformation.
* Responsible for migrate the workflows from development to production environment
* Extensively worked with Incremental Loading using Parameter Files, Mapping Variables, and Mapping Parameters.
* Written Queries, procedures, created Indexes, primary keys and data bases testing.
* Defects were tracked, reviewed and analyzed.
* Implemented various Performance Tuning techniques on Sources, Targets, Mappings, and Workflows.
* Used Source Analyzer and Warehouse designer to import the source and target database schemas, and the Mapping Designer to map the sources to the target.
* Involved in performance tuning and monitoring (both SQL and Informatica) considering the mapping and session performance issues

**Environment: Erwin, SQL Server, MS Visio, Oracle, UNIX, Linux, Teradata, DB2, Informatica Power Center , Informatica IDQ, Informatica ILM, Informatica MDM, Hotfix** ,**Informatica Power Exchanger ,Oracle, Teradata, OBIEE, Autosys, XML, SQL Plus,** **SSRS, SSAS, PL/SQL, SQL, Shell Scripts, Data Modeling, MS Word, MS Excel, MS Access,**

**Amerigroup, Virginia Beach, VA**

**Sr. Data Analyst**

**Oct 13- Jun 15**

Amerigroup is a managed care company serving nearly 3 million members across 12 states. During my employment at Amerigroup, I conducted regular reporting and analysis centered on customer premium payments. I also participated in a long-term project collecting, associating, and migrating new data into a central data warehouse following WellPoint’s acquisition of Amerigroup in 2012.

My main roles as part of this project involved querying both MS SQL Server and Teradata databases to provide customer-level reporting, loading data on market-wide competitor pricing into our databases by utilizing SAS as an ETL tool, and scrubbing and loading data into a centralized warehouse via Informatica for company-wide use.

**Roles & Responsibilities**

* Wrote advanced SQL queries to extract, manipulate, and/or calculate information to fulfill data and reporting requirements including identifying the tables and columns from which data is extracted.
* Responsible for Data modeling and Mapping through data analysis to extract data elements from various OLTP’s using ETL technique (Informatica Power Center 8.1) and utilized Business Intelligence Tool (Tableau) for report generation.
* Analyzed and documented the changes in the compliance rules for adverse action redesign.
* Used Data warehousing for Data Profiling to examine the data available (Data Analysis) in an existing database
* Extensive experience in ETL processes in extracting data from Operational and Legacy Systems to Data Warehouse using Informatics.
* Responsible for providing business requirements within an AGILE software development SCRUM environment.
* Ensure day-to-day EDI transmission, Reject tracking and Reconciliation.
* Run EDI Reconciliation reports daily and document in MS Excel.
* Utilized SQL server’s reporting services SSRS and SSIS to support reporting requirements.
* Maintained and monitored project progress and status through MS Project.
* Data visualization using Cognos and Tableau.
* Used SQL tools like TOAD to run SQL queries to view and validate the data loaded into the warehouse.
* Designed, Developed and Implemented reports in Qlikview BI Dashboard tool – one of the most advanced tools for BI and reports.
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence
* Used the guidelines and artifacts of the Agile Process to strategize the Implementation in different sprints of the Software Development Life Cycle.
* Performed extensive task which include Data Quality Analysis, Data lineage and Data Standardization data structures, data base design, data warehouses, business.
* Walk-through the business users: Business Object Reports or QlikView reports.
* intelligence/analytic tools, SQL, ETL tools, and data integration methods
* Worked on SQL Server concepts SSIS (SQL Server Integration Services), SSAS (Analysis Services) and SSRS (Reporting Services).
* Data mapping, logical data modeling, used SQL queries to filter data within the Oracle and Sybase.
* Used the Agile methodology to build the different phases of Software development life cycle.

**Environment:** **UML, Waterfall, Agile Scrum MS SQL, Windows XP, PL/Toad SQL, business intelligence Business Objects , Cognos , Tableau ,Informatica, ETL , Tools SSIS, SSRS, Crystal Reports Requisite Pro, Clear Case,**

**JPMC Chase, Columbus OH**

**Sr. ETL /Data Analyst**

**Mar 11 to Sept 13**

Risk data aggregation /integration work stream project has been initiated to comply with the regulatory and Basel requirements (BCBS). This project will document and understand the current state of data aggregation and define technology requirements to ensure all required elements used in critical reporting are migrated to the ICDW environment(Teradata data warehouse) to ensure that the BAU(Business as usual) processes will be able to deliver against the BCBS principle.

**Responsibilities:**

* Identified data sources used for Risk reporting and analytics in current state, documented in BDR and loaded into BRISK an Ab Initio Meta Data portal.
* Tested various ETL processes developed using ETL tool Informatica power Center and loaded into target state data warehousing platform (ICDW).
* Performed verification of UNIX logs using Putty while performing the testing.
* Used UNIX scripts to run the Informatica ETL jobs from command line.
* Tested Control M Desktop whether jobs are scheduled as per business requirement.
* Validated the Referential Integrity between entities within ICDW data Warehouse.
* Extensively used Informatica power center workflow monitor to monitor the job run using the Unix Command.
* Extensively worked in Data Analysis, Data Validation, Data Cleansing and Data Verification as per the requirement.
* Analyzed visual mockup, Enhanced BDR, Use Case and CAPMAT to better understand the business requirement and specification document in associated with Business Banking LOB.
* Prepared Test Strategy, Test Plan and Test cases as per the Business Requirement and FSD.
* Organized the JAD session with SME, BA’s QA’s Developers, Data Modelers and Report Build Team to verify the requirement captured are correct and prepared test cases accordingly.
* Provided necessary support to offshore QA team by providing them clear and concise picture of requirement based on the discussion with SMEs
* Attend daily conference calls with team members to update on the progress of data quality issue and resolution.
* Worked on Complete Agile environment and accomplished the goal set up for that particular release.
* Performed different validations in the source file using Excel, Notepad and UNIX commands as necessary.
* As process of testing report, Debugged the Cognos Dashboards /Reports with different analytics views (Pivot table, Chart, Tabular and View Selector), Alerts, Guided Navigation and Dynamic /Interactive Dashboards with drill down capabilities using global and local filters.
* Prepared data mapping document in excel based on requirement document for data migration from legacy Data Warehouse EDW to ICDW data warehouse.
* Validated each and every Business Logic incorporated in Target state Data Warehouse (Teradata) when the scheduled job is completed.
* Extensively tested all aspect of reports like UI, Functionality and Data validation which were generated using Cognos as reporting portal.
* Wrote complex SQL to validate the Data with legacy Reports in Oracle and Teradata environment.
* Maintained the entire test cases in HP ALM and logged all the defects into the defects module.
* Prepared weekly Test Summary Report, Defect status report and Requirement Traceability Matrix (RTM).

**Environment: Informatica, SQL Server Oracle SQL Developer, DB2,Teradata Cognos, UNIX, MS Excel, ALM, Access, MS Word, MS PowerPoint, Windows 7, SharePoint, BRISK, CAPMAT**

**Bank of America, Pennington, NJ**

**EPI (Enterprise Party Index) – Global Markets Global Bank Warehouse**

**ETL/BI Data Analyst**

**Jan 09 – Feb 11**

Customer data was managed within three separate client hubs aligned to three global client centers. Separation into these three hubs: WCC (supporting Consumer and Small Business Banking, “CSSB”), CED (supporting Global Markets Global Bank “GMGB”) and GWM (supporting Global Wealth Management “GWM”), prevents a comprehensive view of clients, their relationships and accounts for Bank of America’s Sales and Servicing processes. The current three hub architecture creates duplicate client records, resulting in client and associate impacts and is contrary to the enterprise goal of singularly identifying each client with which Bank of America does business.

**Responsibilities**

* Analyzed business requirements, system requirements, data mapping, requirement specifications, and responsible for documenting functional requirements and supplementary requirements in Quality Center 9.2
* Tested ETL jobs as per business rules using ETL design document
* Assisted in creating fact and dimension table implementation in Star Schema model based on requirements.
* Involved in the testing of Data Mart built by using Informatica Power Center Designer.
* Extensively used Informatica Power Center for Extraction, Transformation and Loading process.
* Extensively tested several ETL Mappings developed using Informatica.
* Tested Teradata load utilities Fast load, Multiload and FastExport to extract, transform and load the Teradata data warehouse.
* Effectively distributed responsibilities, arranged meetings and communicated with team members in all phases of the project.
* Used import and export facilities of the application to download/upload XMLs of failed test cases so as to re-verify.
* Writing UNIX scripts to perform certain tasks and assisting developers with problems and SQL optimization.
* Extensively used Autosys for automation of scheduling jobs on daily, bi-weekly, weekly monthly basis with proper dependencies.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries
* Performed Unit testing and System Integration testing by developing and documenting test cases in Quality Center.
* Designed and developed UNIX shell scripts as part of the ETL process, automate the process of loading, pulling the data.
* Tested ad hoc and canned reports for Business objects.
* Responsible for migrating the code changes from development environment to SIT, UAT and Production environments.

**Environment: Informatica Flat files, Perl, Erwin MS SQL Server, Oracle, Data Stage, SQL, PL/SQL, IBM DB2 AGILE, Teradata SQL Assistant, COBOL , HP QTP 9.0, HP Quality Center 10, Autosys, Toad, Unix Shell Scripting**

**US BANK, Minnesota, MN,**

**QA/SQL Tester**

**Credit Data Repository**

**Jan’ 07– Dec ’08**

US Bank offers complete banking and financial services to their customers. The development of data warehouse is inextricably linked to the business needs of an enterprise. This project is under development for the bank to provide enterprise reports for their internal and external use for making intelligent banking decisions based on data available over a period of time. Data from existing Database will be Extracted, Transformed and Loaded into Data Warehouse into Oracle Database.

**Responsibilities:**

* Participated in meeting with the team for Business Requirement Document Analysis.
* Involved in Test Plan writing which provides a detailed list of conditions under which the system will be tested.
* Extensively involved in the Manual Testing of the applications.
* Performed Unit Testing, Integration Testing, User Acceptance Testing (UAT).
* Performed Regression testing to see bugs are fixed.
* Performed Backend testing to validate and analyze data using TOAD and added SQL queries to Test cases where necessary.
* Attended several walkthrough meeting with Business analysts, Project Manager and Developers and provided feedback accordingly.
* Wrote Test Scenarios, Test Cases and Automation Test Scripts for Quick Test Professional (QTP) to automate Functional and Regression testing.
* Extensive experience in executing Automation Test tasks – automation requirements, automation test scripts, running tests, monitoring/ analyzing results.
* Extensive experience in writing manual test cases.
* Wrote Test Cases and executed test scripts as well as tracked bugs and generated defect report using Quality Center (QC).
* Testing Methodologies Involved in manual testing that includes functional testing,
* Involved in designing process/ methodology to identify the opportune areas for automation.
* Responsible for Quality Assurance of validation of Target data in Data Warehouse and Data Marts which are Transformed and Loaded using Informatics Power Center.
* Report and review the defects in Mercury Quality Center.
* Tested Web Services call for their working and functioning and parsing XML documents

**Environment**: **QTP Quality Center Java, Windows NT Oracle, SQL Server, HTML, XML, TOAD**