**Manoj**

**SUMMARY**

* 8+ years of professional IT experience in Data Analysis/Modeling for Online Transactional processing (OLTP) and Online Analytical Processing (OLAP) systems.
* Certified Business Analytics Professional from Edupristine and Dun & Bradstreet
* Experience in Access Management, Account Mining, Budgeting, Business Analytics, Business Intelligence, Customer Relationship, Document Management, Forecasting, Incident & Change Coordination, Knowledge Management, Operations Management, People Management, Performance & Strategy Management, Pre-sales, Program Management, Quality Assurance, Resource Planning, Security and Risk Management
* Experience in development and design of ETL(Extract ,Transform and Loading data ) methodology for supporting data transformations and processing ETL Solutions using Informatica Power Center (9.x/8.x/7.x)
* Experience in Business Blueprinting, Realization, Gap Analysis, Configuring Global and Enterprise Structure Settings of SAP ERP systems
* Extensively worked on Informatica Designer Components- Source Analyzer, target Designer, Transformations Developer, Mapplet and Mapping Designer
* Experience on Workflow Manager Tools - Task Developer, Workflow&WorkletDesigner
* Experience in designing and developing complex mappings from varied transformation logic like Unconnected and Connected lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Update Strategy, Union, Sequence Generator, Sorter, Rank, Normalizer  etc.
* Installation and configuration of Informatica Server and Informatica Repository Server in Windows-UNIX Operating Systems
* Extensive working experience in Normalization and De-Normalization techniques for both OLTP and OLAP systems in creating Database Objects like tables, Constraints (Primary key, Foreign Key, Unique, Default), Indexes
* Proficient in System Analysis, ER/Dimensional Data Modeling, Database design and implementing RDBMS specific features.
* Experience in understanding the business needs and **gathering user requirements by conducting and participating in JAD sessions, interacting with end-users and training them** on the applications developed for the organization.
* Experience in data analysis was responsible for collecting, preparing and cleaning data before or after it is collected in a database.
* Have experience in Dimensional Modeling using Star and Snowflake schema methodologies of Data Warehouse and Integration projects.
* Extensively worked on ERWIN tool with all features like REVERSE Engineering, FORWARD Engineering, SUBJECT AREA, DOMAIN, Naming Standards Document etc.
* Extensive experience in Relational Data **Modeling, Dimensional Data Modeling, Logical/Physical Design, ER Diagrams,** Forward **and Reverse Engineering ERWIN diagrams,** analyzing data sources and creating interface documents.
* Efficient in Extraction, Transformation and Loading (ETL) data from spread sheets, database tables using Microsoft data transformation service (DTS).
* Experience with Business Process Modeling, Process Flow Modeling, Data flow modeling
* Worked with ETL processes to transfer/migrate data from relational database and flat files common staging tables in various formats to meaningful data in Oracle and MS-SQL.
* Performed extensive data cleansing, data manipulations and date transforms and data auditing.
* Experience in using Oracle, **SQL\*PLUS**, **SQL\*Load**er, **TOAD**, **Win NT/2003**.
* Developed database objects like PL/SQL packages, Oracle tables, stored procedures, triggers that are used for meeting the business objectives.
* Experience in carrying out the entire Software Development Life Cycle (SDLC).
* Developed Data dictionary and maintained Metadata for each model.
* Knowledge in using EXPLAIN PLANS for query optimization.
* Coordinated with other developers in tuning long running SQL queries to enhance system performance.
* Involved in debugging and developing exception-handling procedures whenever required.
* Extensive knowledge in software testing methodology anddeveloping Test Plans, Test Procedures, Test Case Design and Execution, Modification Requests.
* Strong in conceptualizing and communicating enterprise data architecture frameworks for global enterprises for inter operation of data warehouses, middleware, and web applications.
* Good documentation skills and was involved in making functional and technical documentation.
* A strong team member with good Communication and Analytical skills.

**EDUCATION**

* Bachelors ofTechnology, Electronics and Communications, JNTU, India

TECHNICAL SKILLS

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| --- | --- |
| Database Specialties | **Database Architecture, Data Analysis**, Enterprise Data Warehouse**, DatabaseDesign and Modeling**, Data Integration and Migration**, ETL Architecture and Design, OLTP, OLAP, Information Life Cycle Management, Data Masking, Data Quality, Data Replication, Data virtualization** |
| Data Analysis | User Requirement Gathering, JAD Sessions, User Requirement Analysis, Gap Analysis, Data Cleansing, Data Transformations, Data Relationships, Source Systems Analysis and Reporting Analysis, Draft and review of RFPs |
| Data Modeling Tools | ERwin r7.1/7.2/8.0, Power designer, MS Visio |
| ETL Tools | BusinessObjects Data Integrator, Informatica, SQL Server Integration Services, Oracle Data Integrator, SAS, IBM Inforsphere DataStage V8.5, Teradata Utilities (FastLoad, MultiLoad, Teradata Parallel Transporter, FastExport, SQL Assistant), Toad, T-SQL, Microsoft SQL Server Management Studio |
| Reporting Tools | Business Objects, Crystal Reports,IBM Cognos v8, v10.2, SSRS - SQL Server Reporting Services (2005, 2008), Tableau 8.2, Microsoft Power BI |
| Programming Languages | SQL, PL/SQL, UNIX shell Scripting, PERL |
| Databases | MS-SQL, MS-Access, MS SQL Server 2012/2008/2005, Oracle 11g/10g/9ix |
| Web technologies | HTML, DHTML, XML |
| Operating Systems | Windows-95, 98,2000/XP/NT/Vista, Unix, Linux Red Hat |
| ERP and CRM Systems | Microsoft Dynamics AX/ NAV-X, SAP BYD/ FI/ GRC/ MM, Oracle EBS |
| Regulatory - Finance Reports, Tools | Experian, Equifax, Trans Union, CoreLogic, Tsys (Payment Integrator) |
| Email Clients | LotusNotes, OutLook, GoogleMail |

**PROFESSIONAL EXPERIENCE**

Macys, SFO, CA

Jan2014 – Present

Data Analyst

Project: Year Integration for Warehouse Management Systems

Macy’s employees at multiple ware houses use Windows Mobile based RFID Application to collect the pallet information including location of pallet, type of merchandise and other merchandise details. This information was uploaded to Intermediate SQL Server. This data was transformed to Macys Enterprise Database (Oracle) on daily basis using SSIS packages. SSAS services were later applied at the target data ware house to take analyze the sales and other data.

Responsibilities:

* Perform Data validation and data check at the source databases ie RFID
* Check the Data mappings required to perform the transformation on Oracle database
* Data Scrubbing and Data massaging using Data cleaning techniques on SQL Server
* Design and create the SSIS solution package on SQL server
* Create Various Mappings and Transformations using Informatica Power Center from various data sources and flat files from various Geo-political locations
* Execute and schedule tasks in SSIS to perform the data migration
* Analytics product development providing company partners and merchants with tracking and performance reports. Analytics of Ad serving to provide strategies and insights for improving the advertiser products placement.
* Create views from heterogeneous databases to apply complex transformation to identify error rows
* Data truncation and other validation checks are performed to ensure that all the data is loaded
* Generation of crystals to track the daily update in the pallet information
* Created test cases and uploaded to ALM/HP Quality Center
* Work closely with traffickers and campaign managers to quickly diagnose issues with internal ad serving tools
* Tested several complex reports generated by Cognos including Dashboard, Summary Reports, Master Detailed, Drill Down and Score Cards
* Pulled the defect reports and percentage of pass/fail rate from ALM
* Analyzed the relationships between different tables and Used MS Visio to draw ER diagrams

Environment: SQL Server 2008, SSIS, Informatica Power Center, Oracle 10g, Java, SQL Queries, Crystal reports.

Freddie Mac,

Ashburn, VA

Feb 2013– Dec 2014

Data Analyst

Project: Accounting Data Warehouse and Financial Data Warehouse

Ensured that Freddie Mac’scorporate data repositories are up to date with the highest quality information by Assisting ESS-Data Services team at Freddie Mac with maintaining internal data warehouses and coordinating sign-offs with both upstream data sources and downstream consumers. Applied my analytical and problem solving abilities, understanding of financial analysis and technical operations to ensure production deliveries in timely fashion

Responsibilities:

* Verified and released data adhering to SLAs, followed by documentingprocedures and consumers’ needs
* Performed reviews of data loads into FDW and ADW
* Identified, investigated and resolved data quality issues and production defects/exceptions
* Performed data corrections within DBs to avoid flow of wrong data to our Consumers
* Assisted in defining data reconciliation and governance procedures
* Participated in SDLC process by being involved in Analysis phase (identified needs for the change and provided documented requirements to Tech group), UAT phase and Operational phase for 2 particular reports in FDW
* Assisted with supporting new software releases. Participated in User Acceptance Testing (UAT) representing ADW/FDW teams and executed and reconciled data validation scripts to ensure that the new data loads are complete and accurate
* Create views from Heterogeneous databases to apply complex transformations on consolidated data
* Integrate tables and create views as required by the business team to provide new insights to ensure better educated business decisions
* Created Simple dashboards and variety of tables and graphs in Tableau for tracking data corrections analysis. Integrated raw data in Excel to construct summary pivotal tables
* Used Toad and Rapid SQL to conduct DB queries for research purposes and supporting Ad hoc research requests from consumers. This included reviewing data dictionaries against CoreLogic 3 Bureau Credit Report, developing derivation logic and blending data from multiple databases
* Conducted Defect Tracking and Change Control Procedures using Remedy and Clear Quest tools
* Created and signed ebinders for FDW And ADW taking responsibility of the all the recons I worked on
* Reviewed work of an L1 Analyst, provided suggestions to improve and signed off approving their reports
* Used Business Objects to set parameters and run daily and monthly reports for ADW
* Trained new colleagues who joined the team, had shadow sessions and held reverse shadow sessions to ensure their understanding

**Environment:** SQL Server 2008, SSIS, Informatica Power Center, Oracle 10g, Java, SQL Queries, UAT.

Met Life Insurance,

Aurora, IL

Feb 2011 – Jan 2012

Business Analyst

Project: Employee Benefits

MetLife Insurance is a leading global provider of insurance, annuities and employment benefit programs. MetLife is an ambitious company with the scale, scope and talent to lead the transformation of the insurance and employee benefits industry, driving world-class standards of performance around the globe

Responsibilities:

* Gathered and translated business requirements into detailed, production-level technical specifications for creation of Business Blueprints in SAP ERP & GRC implementation
* Work with Development team in implementation of custom defined rules to map data from credit union reports and proprietary customer DB into SAP Systems
* Design and validate Approval methodologies and Workflow usecases
* Create Connectors and configurations in SAP GRC for authorizations and approval workflows
* Acting Point of Contact for discrepancies in Batch Jobs and daily SAP reports
* Document User Manuals for various authorization roles and validity rules for the same
* Involved in the redesign of the existing OLTP system
* Acted as a Strong Data Analyst analyzing the data from low level
* Deep understanding of the Layout of report as shared by credit unions (XPN, EFX and TUC)
* Understanding of Fair Credit Reporting Act and strict adherence to the same and other Compliance measures encrusted out by the bank to maintain Integrity and Right to Privacy of the Consumers
* Experience in providing Consulting based on Credit Reports from 3 major Bureaus for various clients looking for optimal corporate packages suitable for their business needs
* Worked with DBAs to recreate a best-fit physical data model from the logical data model. Performed logical and physical data modeling with Erwin and Model Manager
* Created and reviewed the conceptual model for the EDW (Enterprise Data Warehouse) with business user
* Performed Data modeling using Erwin. Identified objects and relationships and how those all fit together as logical entities, these are then translated into physical design using the forward engineering Erwin tool
* Created databases, tables, views & schemas. Performed users access authorization, defined locations, populated tables with data and performed unload/copy/replicate data from one database into another after detail analysis and design
* Involved in the Database design and application development to support the creation and management of online business units for business users and customers usage
* Used Erwin to transform data requirements into data models
* Reverse Engineer the existing Stored Procedures and write Mapping Documents for the same
* Designed and Developed Oracle PL/SQL & Shell Scripts, Data Import/Export, Data Conversions for Cleansing
* Created Mappings, Mapplets, Sessions & Workflows using Informatica to replace the existing Stored Procedures
* Extensively used ETL to load data from flat files or reports (excel/access) to Oracle database
* Also worked on Business Object ETL tool Data Integrator to create Mapping from Sybase existing data Sybase (ASE) to newly created data base Oracle 11i
* Worked on defining deadlines and helped team to meet the deadlines
* Extensively worked on documentation of Data Model, Mapping Transformation and Scheduling jobs
* Worked extensively with Business Objects XI Report Developers in resolving critical issues (defining hierarchy, loops and contexts)
* Designed Mapping Documents and Mapping Templates for Data Integrator ETL developer
* Deployed naming standard to the Data Model and adhered to company standard for Project Documentation
* Involved in extensive Analysis on the Teradata Systems
* Helped in migration of data from legacy system to oracle database to ease mapping to ERP Systems
* Widely used Normalization methods and have done different normalizations (3NF)
* Good experience in data analysis querying and writing in SQL and TOAD
* Performed tuning of SQL Queries to improve the response time

Environment: SAP ERP, SAP GRC, Oracle 11i DB, Erwin, Teradata SQL Assistant, SQL, PL/SQL, TOAD, SQL \* LOADER, UNIX, MS OFFICE.

State Bank of India, Hyd, India

Oct 2008– Apr 2010

Business Analyst

**Project: AML/SWIFT** Identify and monitor suspicious activities and transactions and assessment of AML and SWIFT reports for potential suspicious activities. **.**

**Responsibilities:**

* Reviews and analyzes suspicious alerts generated by the Bank's Anti-money Laundering (AML) software system in accordance with regulatory expectations
* Analyze suspicious transactions that appear fraud related and recommend appropriate follow-up
* Prepares Suspicious Activity Reports (SARs) and recommends appropriate follow-up
* Provides support and works with branch personnel and other lines of business that are reporting on suspicious activity and potential money laundering
* Maintains proficient knowledge of the rules and regulations, the Bank Secrecy Act (BSA) , USA Patriot Act, and OFAC and monitors and track BSA-AML high risk customers and accounts
* Perform due diligence on OFAC Sanction Screening hits. Review fund transfers and vet true positives from false positives. Investigate true positive hits and escalate for further review and approval to management .Conduct Prime OFAC system updates. Participate in ad hoc projects on an as needed basis.
* Good understanding of alerts for potential money laundering risks in the bank
* Ensure efficient reporting of suspicious transactions to AML Compliance Officer
* Monitor Transactions using four different software’s PATRIOT OFFICER, FINACLE, LEXIS NEXIS AND SWIFT
* Timely execution of instructions received from AML Compliance Officer
* Investigate, review and resolve AML related and economic sanction related alerts and ensure proper investigation of suspicious transactions or money laundering alerts
* Prepare weekly, monthly and quarterly reports to AML Compliance Officer
* Obtain documentary proof of suspicious transactions and ensure effective record keeping of suspicious transactions identified for filing SAR and CTR
* Assist in identifying systemic procedural weaknesses and additional training requirements for the bank

**Environment:** MS-office applications, MFG-Pro, HTML.