**RAHUL N**

**Sr. Informatica Dev/ IDQ/MDM Developer**

**PROFESSIONAL SUMMARY:**

* **9 years** of IT Experience in **Data Warehousing**, **Database Design** and **ETL Processes** in various business domains like finance, telecom, manufacturing and health care industries.
* Highly proficient in **Development, Implementation, Administration** and **Support** of ETL processes for Large-scale Data warehouses using Informatica Power Center.
* Worked extensively on ETL process using **Informatica Power Center 10.x,9.x,8.x, 7.x, IDQ 10.2.1/9.0.1/8.6,MDM 10.x,B2B,PCF, Teradata, SQL server and oracle databases**
* Extensively used **ETL** methodologies for supporting **Data Extraction, Transformation** and **Loading** process, in a corporate-wide-ETL solution using Informatica Power Center.
* Extensively worked on developing **Informatica Designer, Workflow manager** and **Workflow monitor** for data loads.
* Experience with special emphasis on system analysis, design, development and implementation of ETL methodologies in all phases of Data warehousing life cycle and Relational databases using IBM InfoSphereDataStage11.5/11.3/9.1/8.5/8.1.
* Extensive experience as an ETL developer and working with IBM InfoSphereInformationServer.DataStage (Versions 11.5,11.3, 9.1,8.5, 8.1, 8.0.1) and AscentialDataStage 7.5.2 Enterprise Edition (Parallel Extender) and Server Edition.
* Hands-on experience on foundation tools like Fast Track, Metadata Work Bench, DataStage and Quality Stage, Information Analyzer etc.
* Extensive experience ETL tool using IBM InfoSphereDataStage.
* Expertise in analyzing and understanding data dependencies in database tables using the corresponding metadata stored in the DataStage repository.
* Extensive experience in SOAP UI
* Experience in Avos designer to create the workflows by using BPMN/BPEL methodology.
* Expertise in Informatica MDM, Amazon S3 browser(AWS)
* Extensive experience in using various Informatica Designer Tools such as **Source Analyzer, Transformation Developer, Informatica MDM Work Flow Manager, Mapping Designer and Mapplet Designer.**
* Extensive experience in Design, Development, Implementation, Production Support and Maintenance of Data Warehouse Business Applications in **E-commerce software, Oil & Gas, Health Care, Insurance, Financial** industries.
* Experience in development and maintenance of Oracle **11g/10g/9i/8i, PL/SQL, SQL \*PLUS, TOAD, SQL\*LOADER**.**SQL, Stored procedures, functions, analytic functions, constraints, indexes** and **triggers.**
* Experienced in **IDQ (9X, 9.5.1)** handing LDO’s PDO’s & some of the transformation to cleanse and profile the incoming data by using Standardize, Labeler, Parser, Address Validator Transformations**8** years of experience in using different versions of **Oracle** database like **11g**/**10g/9i/8i.**
* Excellent working knowledge of **c** shell scripting, job scheduling on multiple platforms, experience with UNIX command line and LINUX.
* Experience is design MDM architecture solutions, complex match rules, complex custom survivorship rules which cannot be handled out-of-the box MDM tool to determine best version of truth (BVT) aka Golden Record and reusable framework.
* **Experience** in creating **batch scripts** in **DOS** and **Perl** Scripting.
* Experience in **ETL development** process using **Informatica** for **Data Warehousing**, **Data migration** and **Production support**.
* Sound knowledge of **Relational and Dimensional modeling** techniques of Data warehouse **(EDS/Data marts)** concepts and principles **(Kimball/Inmon) – Star/Snowflake schema, SCD, Surrogate keys** and **Normalization/De-normalization.**
* **Data modeling experience** in creating **Conceptual, Logical** and **Physical Data Models** using **Erwin Data Modeler**.
* Experience with **TOAD, SQL Developer database tools** to query, test, modify, analyze data, create indexes, and compare data from different schemas.
* Performed the data profiling and analysis making use of Informatica Data Explorer (IDE) and Informatica Data Quality (IDQ).
* Worked on **Slowly Changing Dimensions (SCD's**) **Types -1, 2** and **3** to keep track of historical data.
* Knowledge in **Data Analyzer** tools like Informatica **Power Exchange (Power Connect**) to capture the changed data.
* Proficiency in data warehousing techniques for data cleansing, **surrogate key** assignment and **Change data capture (CDC).**
* Experience in integration of various data sources like **Oracle, DB2, Flat Files** and **XML Files into ODS** and good knowledge on **Teradata 12.0/13.0**, **SQL Server 2000/2005/2008** and **MS Access 2003/2007.**
* Expertise in implementing complex business rules by creating re-usable transformations, Mapplets and Mappings.
* Developed **Tableau visualizations** and dashboards with interactive views, trends and drill downs along with user level security using Tableau Desktop.
* Hands on experience in **MDM(E360, C360, Supplier 360, P360) development.**
* Optimized the Solution using various performance-tuning methods **(SQL tuning, ETL tuning (i.e. optimal configuration of transformations, Targets, Sources, Mappings and Sessions**), Database tuning using **Indexes, partitioning, Materialized Views, Procedures and functions**).
* Adept in formulating Test plans, Test cases, Test Scenarios, Test Approaches, Setting up Test Environments in conjunction with the Testing team and expertise in formulating test approaches with Load Testing, Integration Testing, Functional Testing, and User Acceptance Testing (UAT).
* Used MobgoDB as an open source software avoids the traditional table-based relationa database structure in favor of JSON-like documents with dynamic schemas.
* Extensively used **Autosys** and **Tidal** for scheduling the **UNIX** shell scripts and Informatica workflows.
* Extensive knowledge in all areas of **Project Life Cycle** Development.
* Experience in both **Waterfall** and **Agile SDLC** methodologies.
* Strong **analytical, verbal, written** and **interpersonal** skills.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Databases** | Oracle 10g/9i/11i/R12, DB2, MS SQL server 7.0/2000/2005/2008, MS Access 2000/2005, Teradata, MySQL |
| **Languages** | Transact- SQL, PL/SQL, HTML, CSS, JavaScript, C, C#, PERL, Java |
| **Operating Systems** | Windows, Linux, Unix, MS-DOS, Sun Solaris. |
| **OLAP/Reporting Tools** | SQL Server Analysis Service (SSAS), SQL Server Reporting Service (SSRS), Share Point MOSS 2007, Business Objects 6.x, Cognos Framework Manager, Tableau |
| **ETL Tools** | InformaticaPowerCenter10.x/9.x/8.x/7.x, Informatica Power Exchange, Informatica Data Quality Suite 9.6, Informatica MDM **(E360, C360, Supplier 360, P360)**, Informatica Data Director (IDD), Informatica B2B DT, Pentaho Data Integration (PDI)SQL Server Integration Services (SSIS), IBM Infosphere DataStage, IBMDatastage11.5/11.3/9.1/ 8.7/8.5/8.0, Informatica MDM **(E360, C360, Supplier 360, P360),** , Informatica IICS 37.2 (Informatica Intelligent Cloud Services) |
| **Data Modeling Tools** | Microsoft Visio, Erwin r9.0/8x/7x, ER/Studio 9.7/9.0/8.0/7.x |
| **SQL Server Tools** | SQL server Management Studio, SQL server Query Analyzer, SQL server mail service, DBCC, BCP , SQL server profiler, Oracle SQL Developer 23.1.1.345.2114 |
|  |  |
| **Web Technologies** | MS FrontPage, MS Outlook Express, FTP, TCP/IP, SOAP UI |
| **Other Tools** | Microsoft Office, Visual Basic 6, Amazon S3 Bucket(AWS) |
| **Scheduling Tools** | Informatica Scheduler, CA Scheduler (Autosys), ESP, Autosys Control-M |
| **Data Quality Tools** | Informatica Analyst, Informatica Data Quality, Informatica Developer |
| **MDM Tools** | Nextgate, Informatica MDM **(E360, C360, Supplier 360, P360)** |

**PROFESSIONAL EXPERIENCE:**

**METLIFE(Healthcare & Insurance), Cary, NC Sr.Informatica ETL / Informatica Developer(IICS) May 2024- Till Date**

**Description:** The HR department at MetLife manages client interactions using an integrated architecture that combines several tools for efficient task management, deployment, and scheduling across multiple platforms. This setup enables seamless data integration, deployment, and job scheduling.Creating and managing data integrations using cloud connectors and Implementing ETL processes from various data sources and building reusable transformations.Deploying data mappings and workflows from development to production and Managing version control and release processes. Monitoring ETL jobs in production, troubleshooting issues, and conducting root cause analysis and Debugging and fixing shell script failures with proper log and error handling in place.

**Responsibilities:**

* Develop, design, and implement ETL (Extract, Transform, Load) pipelines using Informatica Intelligent Cloud Services (IICS).
* Configured Workflows and created custom workflow using AVOS designe
* Design and optimize complex data mappings, transformations, and workflows for seamless integration between various data sources.
* Perform data profiling, data cleansing, and data quality assessments to ensure data integrity and consistency.
* Troubleshoot and resolve data integration issues, ensuring the accuracy and reliability of the data pipeline.
* Collaborate with cross-functional teams (BI, DBAs, Data Scientists) to understand business requirements and deliver scalable solutions.
* Optimize ETL performance and manage scheduling, debugging, and monitoring of workflows using IICS.
* Document technical design, process flows, and provide knowledge transfer to team members for effective support.
* Write, optimize, and maintain complex SQL queries, procedures, views, and triggers for data retrieval and reporting purposes.
* Perform query tuning and optimization to enhance the performance of databases and applications.
* Develop stored procedures, functions, and packages to automate repetitive tasks and improve efficiency.
* Conduct database maintenance tasks such as indexing, partitioning, and archiving to ensure optimal performance.
* Analyze data requirements and design efficient database schema to support new application features or reporting requirements.
* Generate reports and extracts using Oracle SQL to provide insights to stakeholders and fulfill business reporting needs.
* Develop, test, and maintain shell scripts for process automation, job scheduling, and system administration tasks.
* Create scripts to automate repetitive tasks such as file transfers, log rotation, and data backups.
* Monitor and troubleshoot Unix/Linux system logs and applications to ensure optimal system performance.
* Implement error handling and logging mechanisms in shell scripts to track and debug issues effectively.
* Collaborate with system administrators and database teams to integrate Unix shell scripts with other systems.
* Create cron jobs to automate daily tasks and schedule regular maintenance activities.
* Create, schedule, and monitor batch jobs using Maestro Job Scheduler to automate data processing workflows.
* Define job dependencies, triggers, and constraints to ensure jobs execute in the correct order.
* Troubleshoot and resolve job failures, timeouts, and performance issues to minimize disruptions.
* Work closely with the development and operations teams to manage production workflows and ensure system stability.
* Analyze job logs and performance metrics to optimize scheduling and improve overall efficiency.
* Provide production support for scheduled jobs, ensuring timely delivery of data to stakeholders.
* Design, configure, and implement deployment pipelines using IBM Urban Code Deploy for automated application releases.
* Coordinate deployment activities across multiple environments (dev, test, prod), ensuring smooth and consistent releases.
* Implement rollback strategies and version control practices to mitigate deployment risks and ensure system stability.
* Integrate Urban Code Deploy with source control (e.g., Git) and build tools (e.g., Jenkins) for Continuous Integration/Continuous Deployment (CI/CD) workflows.
* Automate the deployment process, ensuring minimal downtime and rapid deployment of patches, updates, and enhancements.
* Troubleshoot deployment failures and resolve issues related to configuration, environment settings, or dependencies.
* Lead technical teams in supporting daily operations, identifying issues, and ensuring the smooth running of production environments.
* Oversee incident management, troubleshooting, and root cause analysis for high-priority production issues.
* Provide leadership and guidance to junior developers and support team members, ensuring adherence to best practices.
* Perform code reviews, ensure coding standards, and mentor the team in implementing technical solutions effectively.
* Collaborate with business users and stakeholders to understand requirements, translate them into technical tasks, and prioritize workload.
* Ensure SLAs are met and coordinate with cross-functional teams to meet project deliverables.

**Environment:** Informatica Power Center 10.1/9.6, AVOS, Informatica IICS 37.2 (Informatica Intelligent Cloud Services), Maestro Job Scheduler 8.6 , Windows NT/2000/XP, SQL Server 2008, Oracle SQL 23.1.1.345.2114 , Windows Server, UNIX and CA ESP Informatica Scheduler, UNIX, IDQ(IDE), WINSCP,Urban Code Deploy.

**CTS/XYLEM (Let’s Solve Water), Rey Brook, NY May 2021 – Mar 2024  
Sr.Informatica ETL / MDM Developer**

**Description:** As I am a part of the XYLEM MDM team and is responsible for client interactions and business interations to understand the environment and functional aspects of requirements and then I will be responsible for Building Quality ETL code, performing Code reviews of Other’s code, performing unit testing, and troubleshooting any SIT, or UAT defects. Ensure ETL code follows standards and adheres to the SDLC process. Work with job scheduling teams to schedule the jobs. Work with Change management teams & Admin to move to promote code to Test & Prod. Provide Prod warranty support.

**Responsibilities:**

* Support production with incidents related to missing data missing, timeouts, Citrix issues, access/  
  permissions issues, etc.
* Implemented the integration/handshake between IDD and AVOS workflow
* Creating report services, dynamic dashboards, mobile dashboards, report development, and visualization  
  using the knowledge of Star/ Snowflake/ Dimensional data modelling, data warehouse, and reporting  
  techniques.
* Work closely with Informatica Support to resolve the issues identified in the Informatica MDM **(E360, C360, Supplier 360, P360)** tool. Verifying and validating the developed application.
* Complete the build-in MicroStrategy Components like MSTR, Desktop/Developer, MSTR  
  Administration, Web, Distribution services, Transaction Services, and SDK.
* Complete the necessary development that includes analysis, design, development, and testing which  
  also, require strong Teradata SQL skills and the ability to create simple to complex schema objects as per  
  the requirements.
* Unit testing and document test results. Capturing and resolving application defects in the unit testing  
  phase.
* Implement SAM-controlled configuration in IDD and Co-ordinate with other application areas during integration testing. Ensure all information is passed to offshore and resolve their queries by clarifying with the client.
* Providing System test support. Fix the defects that may arise out of the system test phase.
* Configure hierarchies and Customize IDD as per business requirements. Define and maintain metadata, data sources, and validation Rules Match/Merge Setup - Match Paths, Match Columns, match rules, and properties.
* Responsible for developing, supporting, and maintenance for the ETL (Extract, Transform and Load)  
  processes using Informatica PowerCenter. Creating MicroStrategy schema and application objects such as  
  logical tables, attributes, facts, hierarchies, metrics, prompts, filters, consolidations, and custom groups.
* Designing and maintaining complex ETL mappings, sessions, and workflows.
* Responsible for monitoring all the sessions that are running, scheduled, completed, and failed debugged  
  the mapping of the failed session to check the progress of the data load.
* Participated in requirements gathering, business analysis, and user meetings, discussing the issues to be  
  resolved and translated user inputs into ETL Design documents.
* Experienced in troubleshooting Teradata scripts, fixing bugs, and addressing production issues and  
  performance tuning.
* Scheduling and running workflows on a daily, weekly, and monthly basis using the ESP Scheduling tool.
* Extensively worked on encoding the reports using UTF- 8 techniques and then transferred files securely  
  using SFTP (Secure File Transfer Protocol) the SSH file transferring protocol and SCP secure shell protocol  
  in order for the down streams to consume our files as their feed and decoded the files once after securely  
  transferred.
* Performs all technical services required for the integration, installation, and maintenance of information  
  technology and voice communication systems.

**Environment:** Informatica Power Center 10.1/9.6, AVOS, Power Exchange, Informatica Data Quality 9.6.1, Informatica MDM 10.1, 10.2, 10.3, 10.4.1, 10.4.1, 10.4.2, 10.4.3 UNIX, Windows NT/2000/XP, SQL Server 2008, Oracle SQL 20.4.1 , Windows Server, UNIX and CA ESP Informatica Scheduler, UNIX, IDQ(IDE), WINSCP, Amazon S3 Browser(AWS).

**BNY Mellon, Oriskany, NY Nov 2019 – April 2021  
Sr.Informatica ETL / MDM Developer**

**Description:** Finance department of the bank categorized customers based on a significant set of portfolio services that includes personal loans, credit cards etc. The purpose of the project is to obtain the data about the customers from different regions and different databases and aggregate within the data warehouse using Informatica Power Center and Informatica Developer Tools like IDQ & MDM **(E360, C360, Supplier 360,P360)**.

**Responsibilities:**

* Involved in Business Analysis and Requirements collection.
* Develop complex mappings by efficiently using various transformations, Mapplets, Mapping Parameters/Variables, Mapplet Parameters in Designer. The mappings involved extensive use of Aggregator, Filter, Router, Expression, Joiner, Union, Normalizer, Sequence generator, SQL and Web Service transformations.
* Scheduling the Informatica workflows using Control-M, Tivoli scheduling tools & trouble shooting the Informatica workflows.
* Involved in extracting addresses from multiple heterogeneous source like **flat files, oracle, SAS and SQL server.**
* Extensively used all **Power Center/Power mart** capabilities such Target override, Connected, Unconnected and Persistent lookup’s
* Used **Informatica MDM 10.1** tool to manage Master data of **EDW**.
* Extracted consolidated golden records from **MDM** base objects and loaded into downstream applications.
* Experience in validating data quality & business rules by using Mapping document and FSD to maintain the data integrity.
* Represent PowerCenter mapping detailed transformation information in the catalog (**EDC**)
* Setting-up Enterprise Data Catalog (**EDC v 10.2x**) tool on Linux platform Implement Data Governance in Informatica, **EDC** based on data validation performed in IDQ.
* Data Lineages between Consumer Master inbound and outbound systems. Business term and technical tern lineages in **EDC** and Axon for Data Stewards better understanding. End to End installation and configuration of Informatica 9.x/10.x product suits (PowerCenter(PC), Enterprise Data Catalog(EDC), Informatica Data Quality(IDQ), Preparation of Unit test cases
* Extensively worked on UNIX shell scripts for server Health Check monitoring such as Repository Backup, CPU/Disk space utilization, Informatica Server monitoring**, UNIX** file system maintenance/cleanup and scripts using Informatica Command line utilities.
* Worked on the technical and architectural Reltio MDM solution designs including management and responsibility of Reltio deliverables
* Worked with the architects, consultants, and developers, onshore and offshore remote and on-site, through the successful design, configuration and testing of Reltio solutions
* Worked with team to convert Trillium process into **Informatica IDQ objects**.
* Extensively involved in ETL testing, Created Unit test plan and Integration test plan to test the mappings, created test data. Use of debugging tools to resolve problems & created reference tables to standardize data.
* Used bunch of transformations in Pentaho transformations including Row Normalizer, Row Demoralizer, Database Lookup**, Database Join, Calculator, Add Sequence, Add Constants** and various types of inputs and outputs for various data sources including Tables, Access, Text File, Excel and CSV file.
* Participated in design of Staging Databases and Data Warehouse/Data mart database using Star Schema/Snowflakes schema in data modeling.
* Good Understanding of the Collibra operating model with self-driven capabilities in implementing the use cases with minimal supervision.
* Hands on experience in using Collibra v5.X.
* Worked very closely with **Project Manager** to understand the requirement of reporting solutions to be built.
* Used Pentaho Import Export utility to **Migrate Pentaho Transformations and Job** from one environment to others.
* Implemented Logic with Database lookup table to **maintain Parent- Child relationship** and maintain hierarchy.
* Use Pentaho Import Export utility to Migrate Pentaho Transformations and Job from one environment to others **(DEV/QA/PREPROD/PROD).**
* Created Transformations/Jobs to take daily back up Enterprise repository for **DEV/QA/PREPROD/PROD.**
* Experience in writing SQL test cases for Data quality validation.
* Utilized **SSIS** transformations such as Conditional Split, Derived Column, Fuzzy Grouping, Fuzzy Lookup to validate data during staging before loading into data mart.
* Utilized **SSIS** to implement the Slowly Changing Transformation along with checksum technology, to maintain historical data in data marts.
* Experienced in Extracting, Transforming and Loading data from various data sources like excel, flat file and Oracle to MySQL Server databases using **SSIS MySQL Server** Integration services.
* Perform all SDLC phases related to extract, transform, and load (**ETL**) processes using **MySQL** **Server** Integration Services (**SSIS**) and MySQL Server **T-SQL** stored procedures within **SQL Server 2012** environment.
* Resolved many issues by applying EBF’s and patches for issues related to informatica load failures.
* Migration of Informatica Mappings/Sessions/Workflows and Unix scripts to QA, UAT and Prod environments using Harvest and SVN tool.
* Configured Connection Manager files for SSIS packages to dynamically execute on Quality Analysis server and Production server. Performed Full load & Incremental load with several Data flow tasks and Control Flow Tasks using **SSIS**.
* Utilized XML and SQL Server table configuration for the management and migration of SSIS packages in staging and pre-production environments.
* Deployed packages from test environment to production environment by maintaining multiple package configurations in SSIS utilizing package and project deployment models in SSIS 2012.
* Implemented advanced features in SSIS such as error handling, transactions, checkpoints, loggings and package configurations utilizing package deployment utility.
* Worked on Master Data Management **(MDM) (E360, C360, Supplier 360, P360), Hub Configurations (SIF**), Data Director, extract, transform, cleansing, loading the data onto the tables.
* Worked with Informatica Data Quality (**IDQ**) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of **IDQ**.
* Architect and implement data management solutions using the Alation data management suite in multiple environments.
* Experience in end to end Data quality testing and support in enterprise warehouse environment.
* Experience in maintaining Data Quality, Data consistency and Data accuracy for Data Quality projects.
* Assisted with automation and deployment of **SQL Scripts** and **SSIS Packages**, **SSRS** reports and maintained daily jobs in different environments using SQL Server Agent & Tivoli Scheduler.
* Used Tivoli Scheduler to schedule the ETL batch jobs to load the data into **EDW**.
* Provided production support to schedule and execute production batch jobs and analyzed log files in Informatica 10.1 Integration servers.
* Involved in daily status call with onsite Project Managers, **DQ developers** to update the test status and defects.

**Environment:** Informatica Power Center 10.1/9.6,Pentaho Data Integration 8.0.0(PDI/Kettle), Power Exchange, Informatica Data Quality 9.6.1, Informatica MDM 10.1, UNIX, Windows NT/2000/XP, SQL Server 2008, SSIS, OBIEE, DB2, Control tool, SVN, Windows Server, Manta, UNIX and CA ESP Workstation Scheduler, UNIX, IDQ(IDE).

**Conoco Phillips, Houston, TX Jan 2018 – Oct 2019  
Sr Informatica Developer/IDQ Developer/DataStage**

**Description:** Conoco Phillips is one of the world’s top most Oil and Gas company. The objective of this project is to implement the stabilization of the Oil prices, company vendors, contact and other details in order to make it easily accessible to the users on the UI front. Project specifically deals of stabilization of vendors activity for US currently. Address validation through Informatica Address Doctor has been used.After data stabilization following the address correction through Informatica Data Quality,Informatica Power Center, data gets loaded into Informatica Master Data Management DB BO tables.

**Responsibilities:**

* Worked with **Informatica Data Quality 9.6.1 (IDQ)** toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of IDQ 9.6.1.
* Worked on requirements gathering, architecting the ETL lifecycle and creating design specifications, ETL design documents.
* Identified and eliminated duplicates in datasets thorough **IDQ components** of Edit Distance, Jaro Distance and Mixed Field matcher, It enables the creation of a single view of customers, help control costs associated with mailing lists by preventing multiple pieces of mail.
* Responsible for Unit and Integrating testing of Informatica Sessions, Batches and the Target Data.
* Schedule the workflows to pull data from the source databases at weekly intervals, to maintain most current and consolidated data.
* Designed the order Fullfillment and Saas tamplets for processing the active contracts from autonomy databases
* Developed Mapplets, Reusable Transformations, Source and Target definitions, mappings using **Informatica 10.0.**
* Worked on IBM InfoSphereDataStage 11.5 to develop processes for extracting, cleansing, transforming, integrating, and loading data into data warehouse database
* Implementing Industry ETL standards and best practices, performance tuning during designing the DataStage Jobs.
* Using IBM InfoSphereDatastage software, extracting data from DB2, Oracle and Flat File and Load to target tables.
* Worked on DataStage V11.3 to develop ETL jobs that loads the data from staging to target tables in Teradata server as database.
* Developed, tested and implemented DataStage Jobs, JIL Jobs ,Ksh scripts for several projects in an Operational Data Store.
* Configured integration between the ActiveVOS 9.2.4.1 and MDM 10.1 for creating the custom workflow process and designing the orchestration project.
* Resolving issues related to Enterprise data warehouse (EDW), Stored procedures in OLTP system and analyzed, design and develop ETL strategies.
* Worked with Services and Portal teams on various occasion for data issues in OLTP system.
* Extensively worked on the **ETL mappings, analysis and documentation of** **OLAP reports** requirements. Solid understanding of **OLAP** concepts and challenges, especially with large data sets.
* Carried out changes into Architecture and Design of Oracle Schemas for both OLAP and OLTP systems.
* Involved in creating IDD tasks and assigning roles to the tasks in ActiveVOS to trigger the workflows.
* Designed and developed transformation rules (business rules) to generate consolidated (fact/summary) data using Informatica **ETL** tool.
* Deployed reusable transformation objects such as mapplets to avoid duplication of metadata, reducing the development time.
* Developed and maintained ETL (Extract, Transformation and Loading) mappings to extract the data from multiple source systems like Oracle, XML, **SQL server** and **Flat files** and loaded into Oracle.
* Perform Informatica**MDM** **(E360, C360, Supplier 360, P360)**design, implementation, experience on master data managementInformatica Data Quality (IDQ 9.6.1) is the tool used here for data quality measurement.
* Exposure to Informatica B2B Data Exchange that allows to support the expanding diversity of customers and partners and their data with capabilities that surpass the usual B2B solutions.
* Work on design and development of Informatica mappings, workflows to load data into staging area, data warehouse and data marts in Oracle.
* Created ETL mappings, sessions, workflows by extracting data from **MDM** system, FLASH DC & REM source systems.
* Developed **PL/SQL triggers**and**master tables** for automatic creation of primary keys.
* Created PL/SQL **stored procedures, scripts, functionsandpackages** to extract the data from the operational database into simple flat text files using **UTL\_FILE** package.
* Design the Source - Target mappings and involved in designing the Selection Criteria document.
* Wrote **BTEQ** scripts to transform data. Used Teradata utilities fastload, multiload, tpump to load data
* Responsible for manually start and monitor production jobs based on the business users requests.
* Responsible to look into production issues and resolved them in timely manner.
* Developed Informatica process to replace stored procedure functionalities and provide a time effective and high data quality application to the client.
* Formulated a comprehensive data migration plan with different conversion strategies, detailed object and field mappings including its transformations and business rules for converting legacy Nationwide data into Oracle.
* Represent PowerCenter mapping detailed transformation information in the catalog (EDC)
* Setting-up Enterprise Data Catalog (EDC v 10.2x) tool on Linux platform Implement Data Governance in Informatica, EDC based on data validation performed in IDQ.
* Data Lineages between Consumer Master inbound and outbound systems. Business term and technical tern lineages in EDC and Axon for Data Stewards better understanding. End to End installation and configuration of Informatica 9.x/10.x product suits (PowerCenter(PC), Enterprise Data Catalog(EDC), Informatica Data Quality(IDQ), Preparation of Unit test cases
* Analyze the business requirement and create **ETL logic** to extract data from flat files coming from **Manufacturing** at **different geographic regions** and load data in the data warehouse house.
* Prepared ETL Specifications and design documents to help develop mappings.
* Created Mappings for **Historical** and **Incremental** loads.
* Worked on staging the data into **work tables, cleanse, and load** it further downstream into dimensions using **Type 1 and Type 2 logic** and fact tables which constitute the data warehouse.
* Worked with **PMCMD** to interact with Informatica Server from command mode and execute the shells scripts.
* Project based on **Agile SDLC methodology** with 2 weeks of software product release to the business users.
* Take part in daily **standup and scrum** meetings to discuss the project lifecycle, progress and plan accordingly, which is the crux of **Agile SDLC.**
* Provide post **release/production** support.

**Environment**:IBMInfoSphere DataStage11.5 (Designer, Administrator, Director),Quality Stage, Informatica Power Center 10.0, IDQ 9.6.1, Informatica MDM,Informatica B2B DT, Oracle Database 11g, SQL server,  SQL \* Plus, TOAD, SQL\*Loader, Toad for Oracle, Tableau, Unix Shell scripts, Teradata.

**Wells Fargo, San Francisco, CA Feb 2017 – Dec 2017  
ETL-Informatica Developer/IDQ/DataStage**

**Description:** The purpose of the project is to maintain the historical data in Data Warehouse through Change Data Capture (CDC), Slowly Changing Dimensions. It also aimed at quick retrieval of data from Data Warehouse to meet customer needs in a dynamic way & to obtain the data about the customers from different regions and different databases and aggregate within the data warehouse using Informatica Power Center, IDQ & MDM Tools.

**Responsibilities:**

* Worked on Developed mappings/Reusable Objects/Transformation/Mapplet by using mapping designer, transformation developer and Mapplet designer in Informatica Power Center 9.6
* Worked with Informatica Data Quality 9.5.1 **(IDQ)** toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, Score cards, reporting and monitoring capabilities of Informatica Data Quality IDQ 9.5.1.
* Extensively used the **DQ** transformations like Address validator, Exception, Parser, Standardizer, Solid experience in debugging and troubleshooting Sessions using the Debugger and Workflow Monitor
* Designed and developed Complex mappings like Slowly Changing Dimensions Type 2 (Time Stamping) in the mapping designer to maintain full history of transactions.
* Involved in Data Loading Sequence and Populated Data into **Staging Area** and Warehouse with Business Rules.
* Integrated IDQ mappings through IDQ web service applications as cleanse functions in Informatica MDM **(E360, C360, Supplier 360, P360)** using IDQ cleanse Adapters. Extracted the source definitions from various relational sources like **Oracle, XML** and **Flat Files**.
* Worked on the environment which follows Kimball's methdologies.
* Knowledgeable in both Relational and Dimensional Data Modeling (Kimball).
* Extensively used **ETL** to load Flat files, XML files, Oracle and legacy data as sources and Oracle, Flat files as targets.
* Created Sessions and managed the Workflows using various tasks like Command, Decision, Event wait, counter, Event raise, Email using Workflow Manager.
* Extensively used the **Informatica Debugger** for debugging the mappings.
* Created Mappings to load data using various transformations like Source Qualifier**, Sorter, Lookup,** Expression**, Router, Joiner,** Filter**, Update Strategy** and **Aggregator** transformations**.**
* Worked specifically with the **Normalizer Transformation** by converting the incoming fixed-width files to **COBOL workbooks** and using the Normalizer transformation to normalize the data.
* Worked with Lookup Dynamic **caches** and Sequence Generator **cache**.
* Created **Reusable Transformations** and **Mapplets** to use in **Multiple Mappings** and worked with **shortcuts** for various **informatica repository objects**.
* Designed, developed and tested the DataStage jobs using Designer and Director based on business requirements and business rules to load data from source to target tables.
* Used several stages like Sequential file, Hash file, Aggregator, Funnel, Change Capture, Change Apply, Row Generator, Peek, Remove Duplicates, Copy, Lookup, Join, Merge ,Filter, Datasets during the development process of the DataStage jobs.
* Development of XSLT's, Restful and SOAP based web services. Developed various ETL jobs including Data Extractions,TX, Transformations rules based on business requirements using IBM InfosphereDatastage 9.1.
* Established best practices for DataStage jobs to ensure optimal performance, reusability, and restartability.
* Used Autosys to schedule, run and monitor Datastage jobs.
* Identified and eliminated duplicates in datasets thorough **IDQ** components.
* Used Teradata utilities like **FastLoad, MultiLoad**and **Teradata SQL Assistant**.
* Worked on Master Data Management (MDM), Hub Configurations (SIF), Data Director, extract, transform, cleansing, loading the data onto the tables.
* Design and configuration of landing tables, staging tables, base objects, hierarchies, foreign-key relationships, lookups, query groups, queries/custom queries and packages in **MDM (E360, C360, Supplier 360, P360).** Integrated **IDQ** process in **MDM.**
* Load data files coming from external vendors onto **Teradata EDW** using **mload and fload**utilities.
* Worked in implementation of **Profiling, Score Card, Classifier models, Probabilistic models**, Human task and Exception record management as part of **IDQ process**.
* Hands on **Informatica MDM (E360, C360, Supplier 360, P360)** and efficient on various Informatica stages database objects
* Worked with Informatica **Power Exchange** to pull the changed data in the form of **Condense files** and load into Teradata tables using Tpump import.
* Created **parameter files** with **Global variables**.
* Integrated Angular framework to REST services to facilitate LOGIN over Java Interfacing.
* Extensively worked with **Korn-Shell scripts** for **parsing** and moving **files** and even for **re-creating parameter files** in post-session command tasks.
* Represent PowerCenter mapping detailed transformation information in the catalog (EDC)
* Setting-up Enterprise Data Catalog (EDC v 10.2x) tool on Linux platform Implement Data Governance in Informatica, EDC based on data validation performed in IDQ.
* Data Lineages between Consumer Master inbound and outbound systems. Business term and technical tern lineages in EDC and Axon for Data Stewards better understanding. End to End installation and configuration of Informatica 9.x/10.x product suits (PowerCenter(PC), Enterprise Data Catalog(EDC), Informatica Data Quality(IDQ), Preparation of Unit test cases
* Profile files and shell scripts were used for recreation of **dynamic parameter files**.
* **Scheduling** of Informatica workflows using **Tidal** Scheduler.
* **Migration** of Informatica code from **DEV** to **TEST** environments in Informatica by creating deployment groups, folders, applying labels, creating queries in the **Informatica Repository Manager**.

**Environment:**IBMDataStage9.1/8.5, Quality Stage ,Informatica PowerCenter 9.6.1/9.5.1, Informatica IDQ (9.5.1), Informatica MDM, IDD, UNIX, Teradata13.0, Shell Scripts, SQl Server.

**Bank of America (Onsite – Charlotte, NC) April 2016-Jan 2017 Informatica/Datawarehouse Developer**

**Responsibilities:**

* Analyze the business requirements and framing the Business Logic for the ETL Process and maintained the ETL process using Informatica Power Center.
* Created complex Informatica mappings to load the data mart and monitored them. The mappings involved extensive use of transformations like **Aggregator, Filter, Router, Expression, Joiner, Union, Normalizer and Sequence generator.**
* Develop an ETL Informatica mapping in order to load data into staging area. Extracted from Mainframe files and databases and loaded into Oracle 11g target database.
* Create workflows and work lets for Informatica Mappings.
* Worked on **Master Data Management (MDM) (E360, C360, Supplier 360, P360)**, Hub Configurations (SIF), Data Director, extract, transform, cleansing, loading the data onto the tables.
* Design, develop, test and review & optimize **Informatica MDM** and **Informatica IDD** Applications.
* Involved in match/merge and match rules to check the effectiveness of MDM process on data.
* Work on SQL coding for overriding for generated SQL query in Informatica.
* Involve in Unit testing for the validity of the data from different data sources.
* Design and develop PL/SQL packages, stored procedure, tables, views, indexes and functions. Experience dealing with partitioned tables and automating the process of partition drop and create in oracle database.
* Involve in migrating the ETL application from development environment to testing environment.
* Perform data validation in the target tables using complex SQLs to make sure all the modules are integrated correctly.
* Worked with Informatica Data Quality (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of IDQ.
* Perform Data Conversion/Data migration using InformaticaPowerCenter.
* Involve in performance tuning for better data migration process.
* Analyze Session log files to resolve error in mapping and identified bottlenecks and tuned them for optimal performance.
* Create UNIX shell scripts for Informatica pre/post session operations.
* Automated the jobs using **CA7** Scheduler.
* Worked on Direct Connect process to transfer the files between servers.
* Document and present the production/support documents for the components developed, when handing-over the application to the production support team.
* Worked with XML targets for the data coming from SQL server source.
* Query tuning and SQL Query override used in Source Qualifier transformation to pull historical data from database not earlier than the given date i.e. the change data capture **(CDC).**
* Parameterized the whole process by using the **parameter file** for the variables.
* Imported **xsd file** to create the xml target and create the **HierarchicalRelationship**
* Implemented the logic by using **HTTP transformation** to query the web server.
* Configure and setup a secure **FTP connection** to the vendor using the Informatica Managed File transfer software.
* Created complex **Shell scripts** for various set of actions that would automate the process of executing the actions like validating the presence of indicator files.
* Pushing the compressed and encrypted xml files and flat files generated to the external vendor using MFT.
* Involved in **Unit** testing and **system integration testing (SIT)** of the projects**.**
* Assist the team members with the mappings developed as part of knowledge transfer.

**Environment:** Informatica PowerCenter8.6.1/ 8.1.1, Informatica IDQ 9.5.1, MDM 9.5.1, Windows Server 2008, MS-SQL Server 2005, Batch Scripting, Perl Scripting, XML Targets, Flat Files,),Tidal 5.3.1. UNIX, IDQ(IDE)

**EDUCATION:**

* Master's in Computer Science from Virginia International University(FXUA) 2018
* Bachelor’s Degree in ECE from JNTUH 2014