#### Prudhvi

#### SKILLS SUMMARY:

* Have **5** years of experience in ETL tools like Informatica Power center Repository Manager, Power center Designer (Source Analyzer, Target Designer, Transformation Developer, Mapplet Designer, Mapping Designer), Workflow Manager (Task Developer, worklet designer, workflow designer) and workflow monitor. Web services and security configuration in Informatica server (end-to-end), Power exchange, Power Connect.
* Experience working in Financial, Insurance, Healthcare, Supply Chain and Manufacturing projects.
* Involved in complete software development life cycle (SDLC) of project with experience in domains like **Financial, Insurance, Health care domains**.
* Experience working on Data quality tools **Informatica IDQ (9.1)**
* Worked on Exception Handling Mappings for **Data Quality, Data Profiling, Data Cleansing, and Data Validation**.
* Experience in **Informatica MDM** where data Cleansing, De-duping and Address correction were performed.
* Experience in Data Warehouse/Data mart, OLTP and OLAP implementations teamed with project scope, Analysis, requirements gathering, data modeling, Effort Estimation, ETL Design, development, System testing, Implementation and production support.
* Strong experience in Dimensional Modeling using **Star and Snow Flake Schema**, Identifying Facts and Dimensions, Physical and logical data modeling using **ERwin** and **ER-Studio**.
* Expertise in working with various sources such as **Oracle 11g/10g/9i/8x, SQL Server 2008/2005, DB2 8.0/7.0, Teradata, Flat/XML files**.
* Experience in using **Toad Xpert v11.6, Oracle 11g, SQL Developer, PL/SQL, SQL\*Plus**.
* Excellent in writing SQL queries **using SQL, SQL\*Plus, PL/SQL, Procedures/Functions, and Triggers**
* Utilized **AUTOTRACE** and **EXPLAIN PLAN** for monitoring the SQL query performance.
* Extensive experience in writing UNIX shell scripts and automation of the ETL processes using UNIX shell scripting.
* Experience in understanding High level design documents and creating Mappings using Informatica Designer and processing tasks using Workflow Manager to move data from multiple sources into targets.
* Expert skill in data migration **and ETL** from various data sources like Excel, **SQLServer, Flat** files using **SSIS packages and SQL** commands. Monitoring, debugging and tuning ETL jobs and workflows.
* Experience on Web services as a part of Informatica and obtained the successful connection of the external Web service call.
* Proficient in the Integration of various data sources with multiple relational databases like **Oracle11g /Oracle10g/9i, MS SQL Server, DB2, Teradata, VSAM files and Flat Files** into the **staging area, ODS, Data Warehouse and Data Mart**.
* Worked extensively with slowly changing dimensions **SCD Type1 and Type2**.
* Involved in the creation of new objects (Tables/Views, Triggers, Indexes, Keys) in Oracle and modified the existing 700+ ETL's to point to the appropriate environment.
* Experience in using Automation Scheduling tools like **Autosys, Tidal, Control-M, Tivoli, Maestro scripts**.
* Experience in designing and troubleshooting pentaho data integration(kettle) jobs, transformations
* Experienced in preparing Technical design document, Mapping documents, Detail design document for the Source / Target mapping. Experience retrieving data via API/web services
* Experience in closely working with the business teams and gathering the requirements.
* Strong hands on experience in preparing the documents like HLD, LLD, Technical Design and UTC Docs.
* Dedicated and self-motivated achiever committed to success and adept at juggling multiple tasks in a high-pressured environment.
* Capable of quickly understanding & acquiring additional application skills that are required for a project
* Experience in business requirements gathering, define and capture metadata for business rules, system analysis, design, development, production support, testing, user training, and strategic decision making, problem solving associated with the ETL processes by working closely with BI team.
* Demonstrate the analytical ability to understand the business requirement/process, convert the business specification to technical document, data management, develop and integrate solutions to meet the requirement.
* Strong in Designing, Development (coding), Testing, Implementation and Documentation as per Industry standards.
* Knowledge on Agile tools and Scrum methodologies.
* Involved in testing debugging, bugs fixing and documentation of the system. Participated in design and code reviews and verified compliance with the projects plan.
* Coordination with business users for user acceptance testing, sign-offs and implementation.
* An effective team member with excellent interpersonal and communication skills.

#### TECHNICAL EXPERTISE:

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| --- | --- |
| **Data Warehousing** | Informatica Power Center 9.6/9.1/8.6.1/7.1/6.2, (Designer, Workflow Manager, Workflow Monitor, Repository Manager), Informatica Power Connect, DTS, Web services, , Informatica MDM HUB , Informatica IDQ |
| **Data Modeling** | Erwin , Toad |
| **Databases** | Oracle11i/10g/9i/8i/7x, SQL Server 2003/2008, MS Access, Excel, Teradata. |
| **Languages** | SQL, T-SQL, ANSI-SQL, PL/SQL, Unix Shell Script,Visual Basic, ANSI SQL, SQL\*Plus 3.3/8.0, JAVA |
| **Tools** | Toad, SQL\* Loader, Crystal Reports 9.0/8.x/7/6/5/4 |
| **Operating Systems** | Windows 2007/2005/2003/XP/NT Server and Windows NT, UNIX, HP-UX, UNIX AIX 4.2/4.3, Sun Solaris 8. |
| **Analytical Tools** | SQL Server Analysis Service (SSAS), Performance Point Server 2007, ProClarity Analytics Server |
| **SQL Server Tools** | Query Analyzer, SQL Server Profiler, SQL Server Mail Service, Enterprise Manager, SQL Server Agent, DTS, BCP, Microsoft Visual Studio |
| **Versioning** | Team Foundation Server (TFS), Visual Source Safe (VSS). |

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**Professional Experience:**

**Amex, Phoenix, AZ Jun15-Present**

**MDM Consultant & Informatica ETL Developer**

**Description:**

Description The American Express Company, also known as Amex, is an American multinational financial services corporation headquartered in Manhattan's Three World Financial Center in New York City, United States. As a company, American Express is one of the largest and most respected within the finance sector. American Express is a leading issuer of personal, small business, and corporate credit cards. Under the Business category, American Express Bank provides an array of attractive services to the business customers, which include Trade and Forex solutions along with Financial Advisory Services, diversified Credit Card, Charge Card and purchasing solutions and Corporate Card Management Tools. The bank also offers Merchant services to the business clients who want to accept Credit Card or Debit Card payments from their customers.

**Responsibilities:**

* Participated in **gathering, analyzing**, and **documenting business requirements**, **functional requirements** and **data specifications**.
* Involved in Preparing the High Level Design (**HLD**) and Low Level Design (**LLD**) documents for **ETL** Informatica process.
* Responsible for developing, support and maintenance for the **ETL** (Extract, Transform and Load) processes using Informatica.
* Worked on identifying **Mapping Bottlenecks and improved session performance through error handling.**
* Utilized **Informatica IDQ** (Data Analyst, Developer) for **data profiling a**nd matching/removing duplicate data, fixing the bad data, fixing NULL values.
* Involved in creating the **design** and **technical specifications** for the **ETL process** based on **Functional specifications.**
* Worked on**Mapplets**and created**parameter files** wherever necessary to facilitate**reusability**
* Developed several generic **Informatica** jobs which can be reused for several processes.
* Designed and developed complex mappings that involved **Slowly Changing Dimensions, Error handling, Business logic implementation.**
* Identified source systems, their connectivity, related tables and fields and ensure that data is suitable for mapping.
* Documented logical, physical, relational and dimensional data models. Designed the **data marts** in dimensional Data modeling using **star and snowflake** schemas.
* Extensively used Informatica Functions **LTRIM, RTRIM, DECODE, ISNULL, IIF, INSTR and date** functions in Transformations.
* Used DAC for running and monitoring the daily scheduled loads.
* Written Teradata Stored Procedures, Teradata scripts and calling at pre and post session.
* Developed **mappings** using **Informatica Power Center Designer** to **transform** and load the data from **source** systems to **target database**.
* Used various transformations like **Source Qualifier**, **Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure and Lookup** to develop robust mappings in the Informatica Designer.
* Implemented **Slowly Changing Dimension** Type 1 for applying **INSERT else UPDATE** to Target tables
* Involved in the design, development and implementation of the MDM HUB decommissioning project using Informatica PowerCenter that reduced development and implementation cost and time.
* Expertise in troubleshooting the Java Siperian Errors relative to MDM HUB.
* Good at handling end to end MDM Development for Data Loading and Data Remediation Tasks..
* Involved in **Version Control** of Repository Objects using **Check-in** and **Check-out**.
* Synchronization has been done between Informatica Metadata and data modeling diagrams.
* Worked on **Informatica Power Center tools - Designer, Repository Manager, Workflow Manager and Workflow Monitor**
* Extensively worked on **Workflow Manager** and **Workflow Monitor** to create, schedule and monitor Workflows
* **Data Modeling**  in creating Star & Snow-Flake Schemas, FACT and Dimensions Tables, Physical and Logical Data Modeling using **Erwin**.
* Collaborate with data modelers, ETL developers in the creating the **Data Functional Design documents**.
* Utilized Informatica toolset (Informatica Data Explorer, and Informatica Data Quality) to analyze legacy data for data profiling.
* Extensively worked on **Mapping Variables, Mapping Parameters, Workflow Variables and Session Parameters** for the delta process to extract only the additional data added during that period.
* Used **OBIEEDAC** to Schedule the Informatica mappings in the correct order, dependencies between them based on the sources and targets.
* Used SOQL & SOSL for data manipulation needs of the application using platform database objects.
* Worked with mappings to dynamically generate **parameter files** used by other mappings
* **Update Strategy, Joiner, Stored Procedure and Lookup** to develop robust mappings in the Informatica Designer.
* Worked on data profiling, source-target mappings, ETL development, SQL tunings and optimization, testing and implementation in Tera data.
* Implemented Real-Time **Change Data Capture (CDC)** for **SalesForce.com (SFDC**) sources using Informatica **Power Center.**
* Implemented **Slowly Changing Dimension** Type 1 for applying **INSERT else UPDATE** to Target tables.
* Worked using DAC to perform scheduling and executing incremental loads.
* Involved in **Version Control** of Repository Objects using **Check-in** and **Check-out**.
* Worked on **Informatica Power Center tools - Designer, Repository Manager, Workflow Manager and Workflow Monitor**
* Extensively worked on **Workflow Manager** and **Workflow Monitor** to create, schedule and monitor Workflows.
* Utilized Informatica toolset (Informatica Data Explorer, and Informatica Data Quality) to analyze legacy data for data profiling.
* Extensively worked on **Mapping Variables, Mapping Parameters, Workflow Variables and Session Parameters** for the delta process to extract only the additional data added during that period.
* Worked with mappings to dynamically generate **parameter files** used by other mappings.
* **Informatica Scheduler** was used to **schedule jobs** on daily and hourly basis.
* Responsible for monitoring all the sessions that are running, scheduled, completed and failed. **Debugged** the mapping of the failed session.

**Environment:** Informatica Power Center 9.1.1/9.6.1 (Power Center Designer, Teradata, workflow manager, workflow monitor), **Informatica MDM 10.0,** Autosys Tidal, Oracle 11g, OBIEE 10g ,SOQL,SFDC,TOAD, Windows XP,Reporting Services (SSRS), MS visual Studio.

**Anthem,Virginia Beach, VA Dec14 – Jun15**

**Informatica Developer**

**Responsibilities**:

* Created different transformations using Informatica power center 8.6 for loading the data into targets using various transformations like Source Qualifier, Java Transformation, SQL transformation, **Joiner transformation**, Update Strategy, Lookup transformation, Rank Transformations, **Expressions, Aggregator**, and **Sequence Generator**. Designed the mappings between sources (external files and databases) to operational staging targets.
* Prepared a detailed Technical Design Document after analyzing the Functional Specifications and the Architectural Diagram. The Technical Design Document captured all functional and technical requirements.
* Developed numerous Complex Informatica Mappings, Mapplets and reusable Transformations.
* Designed and created complex source to target mapping using various transformations inclusive of but not limited to **Aggregator**, **Joiner**, **Filter, Source Qualifier, Expression and Router Transformations.**
* Extensively used **Lookup Transformation** and **Update Strategy Transformation** while working with Slowly Changing Dimensions.
* Used **SOQL** and **SOSL** within custom controllers, extensions and triggers.
* User and **Group management**(Assign privileges and permissions to users/groups)
* Upgrade **Informatica repositories from v8.6.0 to v9.1.0**
* High availability recovery and set the sessions to recover automatically in case of any failure.
* **Security management** (accessibility, folder and group permissions)
* Created Logical/physical Data Model in ERwin and have worked on loading the tables in the Data Warehouse
* Designed and developed client centric Master Data Management (MDM) HUB solution. Proficient in configuring and creating IDD application.
* Define and design the Data Acquisition, Transformation, and Data Cleansing approach for the MDM
* Involved in creation of OALP, Data analysis ,Data processing - Extracting data from different sources, Cleansing and transferring data, Distribution of data, Mappings Creation, Debugging, Optimization, Slowly changing dimensions, Comparison of mappings, Designing the data mart.
* Server Administration (start-up / shutdown, configuring the services) and system Maintenance (Log analysis, backups and archival)
* Used Informatica to extract data from **DB2, UDB, XML, Flat files** and Excel files to load the data into the **Teradata**
* Extensively used; Perl scripts; to edit the xml files and calculate line count according to the client\'s need.
* **Created** and maintained specifications and process documentation to produce the required data deliverables (data profiling, source to Client maps, flows).
* Installed and Configured DAC 10.1.3.4.1 on UNIX server.
* Analyzed the existing data model and incorporated new additions for the advancement data into the data model identifying the **cardinality** of the new tables to the existing tables and ensure proper **referential integrity** of the system
* Worked in all phases of **Data Integration** from **heterogeneous sources**, legacy systems to Target Database.
* Worked on Informatica **Power Center tool – Source Analyzer, Warehouse designer**, Mapping and Mapplet**Designer, Transformations**, Informatica Repository Manager, Informatica Workflow Manager and Workflow Monitor
* Used **Power Exchange** to source copybook definition and then to row test the data from data files etc.
* Worked with different Caches such as Index cache, Data cache, Lookup cache (Static, Dynamic and Persistence) and Join cache while developing the Mappings.

**Environment:** Informatica Power Center 9.6.1/9.1.1, Oracle 11g, Power Exchange 9.1,  DAC,Teradata V13.0, SOQL,OBIEE 10g, Autosys ,Fast Load, Multiload, Teradata SQL Assistant, MS SQL Server, UNIX

**Nationwide Insurance, Columbus, OH Nov13 – Dec14**

**ETL Developer**

**Responsibilities:**

* Involved in Data Analysis to extract useful data, finding patterns and regularities from the sources and develop conclusions.
* Interacted with functional/end users to**gather requirements** of core reporting system to nderstand exceptional features users expecting with ETL and Reporting system and also to successfully implement business logic.
* Actively involved in **Data Warehouse** system design discussions.
* Extensively used various **transformations like Lookup, Update Strategy, Joiner, Aggregator, Union** and few other transformations.
* Extensively used **Mapping Variables, Mapping Parameters, and Parameter Files** for capturing Delta loads
* . Used **JDBC-API** to communicate with the database.
* Involved in creating **Fact and Dimension** table **mappings** to load **Fact** and **Dimension** tables.
* Developed **Slowly Changing Dimension (SCD) Type1, Type2, and Type3 mappings**.
* Worked with **Reusable Mappings (Mapplets), Reusable Workflows (Worklets) and Reusable Transformations.**
* Worked with **Session Logs, Informatica Debugger, and Performance Logs for error handling the workflows and session failures**.
* Identify the flow of information, analyzing the existing systems, evaluating alternatives and choosing the "most appropriate" alternative.
* Worked with tools like **TOAD** to write queries and generate the result.
* As per the requirement, performed **Initial loading,monthly loading and monthly cleanup update processing.**
* Developed **restart token on UNIX server for Real-time Informatica workflows and customized real-time Power Exchange workflows.**
* Used **SQL Override in Source qualifier** to customize SQL and filter data according to requirement.
* Wrote **PRE** and **POST SQL** commands in session properties to manage constraints that improved performance.
* Performed **Pushdown Optimization** to increase the read and write throughput
* Wrote **SQL** queries and **PL/SQL** procedures to perform database operations according to business requirements.
* Document all **ETL** related work per company's methodology.
* Used **OBIEEDAC** to Schedule the Informatica mappings in the correct order, dependencies between them based on the sources and targets.
* Involved in system end to end **testing** (Unit and System Integration Testing) as part of the **SDLC** process and **performance tuning** at the **mapping level, session level, source level, and the target level.**
* Prepared estimates and tracked each and every task and strictly adhered to the estimated deadlines.

**Environment:** Informatica Power Center 9.1.0(Repository Manager, Designer, Workflow Manager, and Workflow Monitor), Autosys, web logic 8.1.0,Windows XP, Oracle 10g, DB2, Power Exchange 8.6, Teradata 13, TOAD, PL/SQL Developer, SQL Plus, OBIEE 10g, Sun Solaris.

**Bank of the West, San Ramon, CA Oct12-Nov13**

**Informatica ETL Developer**

**Responsibilities:**

* Involved in Data Analysis to extract useful data, finding patterns and regularities from the sources and develop conclusions.
* Interacted with functional/end users to **gather requirements** of core reporting system to understand exceptional features users expecting with ETL and Reporting system and also to successfully implement business logic.Actvly involved in **Data Warehouse** system design discussions.
* Extensively used various **transformations like Lookup, Update Strategy, Joiner, Aggregator, Union** and few other transformations.
* Extensively used **Mapping Variables, Mapping Parameters, and Parameter Files** for capturing Delta loads.
* Involved in creating **Fact and Dimension** table **mappings** to load **Fact** and **Dimension** tables.
* Developed **Slowly Changing Dimension (SCD) Type1, Type2, and Type3 mappings**.
* Worked with **Reusable Mappings (Mapplets), Reusable Workflows (Worklets) and Reusable Transformations.**
* Worked with **Session Logs, Informatica Debugger, and Performance Logs for error handling the workflows and session failures**.
* Identify the flow of information, analyzing the existing systems, evaluating alternatives and choosing the "most appropriate" alternative.
* Worked with tools like **TOAD** to write queries and generate the result.
* As per the requirement, performed **Initial loading, monthly loading and monthly cleanup update processing.**
* Worked with project team representatives to ensure that logical and physical ER/Studio **data models** were developed in line with corporate standards and guidelines
* Developed **restart token on UNIX server for Real-time Informatica workflows and customized real-time Power Exchange workflows.**
* Used **SQL Override in Source qualifier** to customize SQL and filter data according to requirement.
* Wrote **PRE** and **POST SQL** commands in session properties to manage constraints that improved performance.
* Performed **Pushdown Optimization** to increase the read and write throughput
* Wrote **SQL** queries and **PL/SQL** procedures to perform database operations according to business requirements.
* Document all **ETL** related work per company's methodology.
* Used **OBIEEDAC** to Schedule the Informatica mappings in the correct order, dependencies between them based on the sources and targets.
* Involved in system end to end **testing** (Unit and System Integration Testing) as part of the **SDLC** process and **performance tuning** at the **mapping level, session level, source level, and the target level.**
* Prepared estimates and tracked each and every task and strictly adhered to the estimated deadlines.

**Environment:** Informatica Power Center 9.1/8.6 (Repository Manager, Designer, Workflow Manager, and Workflow Monitor), Autosys ,Windows XP, Oracle 10g, DB2, Power Exchange 8.6, Teradata 13, TOAD, PL/SQL Developer, SQL Plus, OBIEE 10g, Sun Solaris.

## 

## **Bajaj Allianz, India                                                 Apr 11-Sep 12**

**Jr. ETL Developer**

**Responsibilities:**

* Implemented ETL Informatica designs and processes for the load of data from the sources to the target warehouse.
* Designed mappings from the scratch and also did performance tuning of the mappings that were previously implemented.
* Responsible for performance tuning at various levels like **mapping level, session level, and database level.**
* Worked on Power Center Tools like **Designer, Workflow Manager, Workflow Monitor, and Repository Manager.**
* Extensively used various **active and passive** transformations like Filter Transformation, Router Transformation, Expression Transformation, Source Qualifier Transformation, Joiner Transformation, Lookup Transformation, Update Strategy Transformation, Sequence Generator Transformation, Rank Transformation, and Aggregator Transformation.
* Developed several **Re usable Transformations and Re-Usable Mapplets** by using the Power Center Designer.
* Worked with Shortcuts across Shared and Non Shared Folders.
* Developed Slowly Changing Dimension Mappings for **Type 1 SCD and Type 2 SCD**.
* Responsible for implementing Incremental Loading mappings using **Mapping Variables and Parameter Files**.
* Responsible for determining the bottlenecks and fixing the bottlenecks with performance tuning.
* Involve in the data profiling activities for the column assessment, data inconsistency and natural key study
* Worked with **Index Cache and Data Cache** in cache using transformation like Rank, Lookup, Joiner, and Aggregator Transformations.
* Extensive worked on debugging and troubleshooting the Sessions using the **Debugger** and **Workflow Monitor**.
* Worked with Session Logs and Workflow Logs for Error handling and troubleshooting.

**Environment:** Informatica Power Center 8.1, Oracle 10g, SQL Server, Sybase,  Flat Files,  UNIX, Windows XP, CA Autosys, Star Team