**Chander Korshika**

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### SUMMARY:

* IT professional having **7+ years** of IT experience in **analysis**, **design**, **development**, **testing**, **maintenance** and **implementation** of complex Data Warehousing applications using **ETL** **tool** **Informatica Power Center** on **OLAP** and **OLTP** environment for **Banking** , **Insurance** and **Health** **care** clients.
* Proficient using of **Power Center tools** (**Designer, Workflow Manager, Workflow Monitor, Repository manager**) and databases like **Oracle**,**Teradata,DB2**, **SQL Server** on windows and **UNIX** environments.
* Experience in all the **phases of life cycle** involving **Requirement Analysis, Design, Coding, Testing, and Deployment.**
* Proficient in data modeling for **OLTP relational databases** and **Data warehouse applications** using Ralph Kimball and Bill Inman design principles including **Facts** and **dimensions tables, Slowly Changing Dimensions (SCD) and Dimensional Modeling - Star and Snow Flake Schema**.
* Proficient in designing and developing **Data Marts** in a data warehouse for business subject areas.
* Expertise in working with **Data warehouse** methodologies (Kimball and Inmon approaches), **ODS, EDW** and Metadata repository, **Business Process Analysis**, Reengineering, Dimensional Data modeling.
* Expertise in developing and running **Mappings, Sessions/tasks, Workflows, Worklets and Batch processes.**
* Worked in **Production support team** for maintaining the mappings, sessions and workflows to load the data in Data warehouse.
* Experience in integration of various **data sources like Oracle, Teradata, DB2, Sybase, SQL server, MS Access** and **non-relational sources like Flat files and XML files into staging area.**
* Experience in designing **Reusable Transformations** in Informatica such as **Joiner, Sorter, Aggregator, Expression, Lookup, Router, Filter, Update Strategy, Sequence Generator, Normalizer and Rank)** and Mappings using Informatica Designer and processing tasks using Workflow Manager to move data from multiple sources into targets.
* Experienced in developing Master Data Management solutions using **Informatica MDM**. Proficient in **configuring and creating Landing, Staging and Base tables** in **Informatica MDM Hub.**
* Expertise working with **Informatica MDM components Hub Console, Hub Store, Hub Server** and **Cleanse Match Server** used in building and administering MDM solution.
* Experience working with **Informatica Data Director (IDD)** for implementing data governance solution for MDM applications.
* Worked on Data Profiling using **Informatica** **Data Explorer** (**IDE)** and **Informatica Data Quality (IDQ)** to examine different patterns of source data. Proficient in developing I nformatica **IDQ transformations** like **Parser, Classifier, Standardizer and Decision.**
* Experience in identifying **bottlenecks in ETL Processes** and **Performance tuning** of applications using **Database Tuning, Partitioning, Index Usage, and Aggregate Tables, Session partitioning, Load strategies, commit intervals and transformation tuning.**
* Solid experience with Informatica PowerCenter **Data Validation client** for **Unit testing** ETL mappings and transformations.
* Experienced in Data Modeling in Enterprise Data Model **(EDM),** Star/ Snowflake schema modeling, Fact and Dimension Tables, Physical and Logical data modeling.
* Extensively involved in **Quality Assurance, bug fixing and testing**. Prepared user manuals, presentations and trained users and operators.
* Strong **SQL, PL/SQL** programming skills in Oracle 11g/10g, SQL Server 2012/2008, **Teradata** 14/13/12 and **DB2** databases. Proficient in writing **Packages**, **Stored** **Procedures**, **Triggers, Views, Indexes and query optimization.**
* Experience in **Data masking** of sensitive elements using **Information Lifecycle Management(ILM)**
* Highly **motivated** with the ability to work effectively in teams as well as **independently**.
* **Fast Learner, good communication** and **presentation skills**, ability to quickly adapt to the technical environment coupled with very **positive user interaction & team spirit.**
* Strong **trouble-shooting, problem solving, analytical and design skills.**
* Possess **professional attitude** and **strong work ethic.**

### TECHNICAL SKILLS:

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| --- | --- |
| BI & ETL Tools | Informatica Power Center 9.5.1/9.1/8.6/8.1, Informatica MDM 9.5, IDE, IDQ 9.1, ILM, JBOSS |
| Databases | Oracle11g/10g , SQL Server 2008/2012, MS-Access, DB2 and  Teradata. |
| Operating System | Windows Server 2012/2008, Windows 7/2003/2000, Unix (AIX), Linux |
| Languages | SQL, PL/SQL, C++ |
| Scripting Languages | Unix Shell Script (Korn shell), Excel VBA(Macro) |
| Domains | Annuity & Life Insurance, Finance, Health Care |
| Others Tools | HP Quality Center, Edit Plus, Microsoft word , Excel VBA ,Toad, Control-M Desktop/Enterprise Manager, AR Remedy Ticket Tracking System , WinScp, putty, SVN tortoise. Erwin 4.0, ER Studio. |

### PROFESSIONAL EXPERIENCE:

**Client : Citi Mortgage, Dallas, TX**

**Position : ETL Developer**

**Project : Citi Home finance Data management Team**

**Duration : Aug 2014 to Till Date**

**Project Description**: Citi Bank is a banking firm which provides various financial services to its clients. One of its domains is Mortgage banking. I worked on Mortgage Banking Data Analysis. This project targeted to maintain the data for regulatory requirement in mortgage business. In Mortgage data analysis we assess the credibility of the borrower and the worth of the foreclosed properties. We get data from various upstream sources, some of them are internal while others are External, and we load the data and then provide the data to the middle office and downstream consumers.

**Responsibilities:**

* Interact with business users to get Business requirements and analyses source systems data.
* Gathering the Information from Source systems, Business documents and prepares the Data Conversion and migration technical design documents.
* Created Technical mapping design documents and field-field level mapping spread sheet documents.
* Prepared and review the Technical design documents.
* Working with clients on Design, Development and walkthroughs.
* Performed analysis of Business requirements and interpreted transformation rules for all target data objects. Developed ETL specification based on business requirements.
* Developed Complex transformations, Mapplets using Informatica to Extract, Transform and load data into Datamarts, Enterprise Data warehouse(EDW)and Operational data store (ODS).
* Created Informatica Mappings, Sessions and Workflows as per technical design specifications.
* Creating Informatica mappings with transformations like Source Qualifier, Lookup, Aggregator, Expression, Filter, Router, Update Strategy, Sequence Generator, etc.
* Worked with Different data transformations like Aggregate, Data conversion, Derived Columns, Union All, Sort, and Merge joins, look up etc.
* Perform data population tests against target system to ensure accuracy and quality of data.
* Perform UNIT testing on deliverables and documenting.
* Identifying source data quality issues and resolves discrepancies.
* Tuning the ETL-Informatica code in Mapping level and session level.
* Migrating the all UNIX shell scripts, Parameter files, and Env files thru SVN Version to various Environments.
* Order the Control-M jobs from Desktop to Enterprise Manager and automated the ETL Jobs.
* Migrating the ETL- Workflows, Mappings and sessions to QA and Production environment.
* Created and scheduled workflows using Workflow Manager to load the data into the Target Database.
* Performed Unit Testing and Integration Testing of Mappings and Workflows.
* Assisted in migrating jobs across Development, QA, Production environments.
* Involve in Production support rotation basis (24\*7).
* Involve in Status Reporting to the Customer and Management.

**Environment:** Informatica PowerCenter 9x, Oracle 11g, SQL Server 2012, Erwin 4.0, PL/SQL, Flat Files, TOAD ,SVN Tortoise, Control-M Desktop/Enterprise Manager, ER Studio, Unix.

**Client : Cigna Healthcare, Greenwood Village, CO**

**Position : ETL Developer**

**Duration : Mar 2013 to Jun 2014**

**Project Description:** Project is on bringing Proclaim- claim (claim data ) system to CIF ( GIGNA Information Factory ) compliance to other legacy system like facets/Ben/Computrak under HIPAA 5010 Project. Legacy system is currently in place with mainframe systems for the backend.

The Network Product Capabilities (NPC) project will improve Cigna’s product suite by delivering systematic, end to end, flexible network product capabilities (expanded tiering and limited/restricted networks). When delivered, the NPC project will allow Cigna to: Offer expanded Cigna Care Network product capabilities and options (Proclaim), Offer a new restricted product offering that provides a smaller network of healthcare professionals with strong discounts (Proclaim and Facets)

On August 1, 2011, the Department of Health and Human Services (HHS) released an amendment to the Interim Final Regulations for preventive care under PPACA. The amendment applies to non-grandfathered individual insurance policies as well as non-grandfathered insured and self-insured group health plans

**Responsibilities:**

* Analyze the data from different sources i.e. Oracle, SQL Server and Flat file and define Data Warehouse/ ETL process.
* Designed the Data Warehouse/ ETL processes using Informatica Power Center to extract, transform and load data from multiple input sources like SQL Server and Oracle to target Oracle database.
* Involved in the integration of data from source to ODS.
* Created complex mappings using various transformations such as Rank, Joiner, Expression, Lookup (Connected/Unconnected), Aggregate, Filter, Update Strategy, Sequence Generator etc to implement the user requirements.
* Implemented Type II Slowly Changing Dimensions Methodology to keep track of historical data.
* Used Session parameters, Mapping variable/parameters and created Parameter files for imparting flexible runs of workflows based on changing variable values.
* Created and scheduled workflows using Workflow Manager to load the data into the Target Database.
* Performed Unit Testing and Integration Testing of Mappings and Workflows developed.

**Environment:** Informatica PowerCenter (9x), Data Quality, Oracle 11g, SQL, UNIX, Windows 7.

**Client: CNA, Chicago, IL**

**Position: ETL Developer/MDM Developer**

**Project: Business integration**

**Duration: Apr 2012 – Feb 2013**

**Project Description:** CNA Financial Corporation is a financial corporation based in Chicago, Illinois, United States. The data related to their operations is present in various source systems like oracle. CNA'S Data Warehouse stores terabytes of Premium, Claims & Accounting information. This data is loaded into Data Marts for Actuarial & Financial analysis.

**Responsibilities**:

* Designed and developed ETL framework/MDM/IDQ. This is the collections of all claims, customer’s information.
* Played an extensive role in business requirement gathering, requirement analysis, database design, ETL design.
* Implemented Informatica MDM hub.
* Obtained golden records using Informatica master data management hub console.
* Created base objects, relations ships using MDM.
* Designed schema and relations ships between tables.
* Created and configured schema objects.
* Configured relation among table to obtain LKP.
* Cleated mappings and clench functions to load staging tables in MDM.
* Configured Match/merge in MDM to obtain golden records.
* Configured validation and trust.
* Related queries and packages in hub console.
* Configured batch group to load the jobs.
* Configured auto merge.
* Configured manual merge.
* Hand on experience on IDD.
* Loaded the landing tables with the help of etl jobs.
* Tested the code and deployed in to production environment
* Redesigned the existing data mart ODS, in order to increase the performance and reduce the maintenance cost. Successfully implemented this in production.
* Prepared high level and low level design documents.
* Implemented Type-1 & Type-2 Mappings for both Dimensions and Facts.
* Designed the complex mapping with complex business logs
* In order to maintain data quality developed data profiling, data mapping, data validation, data manipulation using IDQ.
* Created table profiles and join profiles.
* Created mappings and mapplets using Informatica IDQ tool.
* Used address validates transformation (address doctor) to validate incoming address.
* Analyzed/profile data for the incoming sources. Used Source Analyzer, Warehouse designer, Mapping designer, Mapplet Designer.
* Developed Mappings, Sessions and Workflows using Informatica Power Center Designer and Workflow Manager.
* Automation and scheduling of UNIX shell scripts and Informatica sessions and batches using Control-M
* Participated in Resource Planning, Estimation, Design, Coding, Unit Testing and Production Support.
* Worked with various teams like QA, DBA, System Maintenance and Support, Underwriters and Compliance.
* Creation & Review of Unit Test case documents. Did the peer reviews of ETL code.
* Assisted Testers with data issues as well as tested the ETL flows.
* Provided Pre & Post production assistance.
* Uploaded/modified Customer Parameter files in UNIX to use variables for Workflow sessions.
* Played the role of admin and performed admin tasks.
* Worked with Shortcuts across Shared and Non Shared Folders
* Migrated the code in to UTE and production environment.
* Security Management, Code migrations
* Used Ldap systems in order to provide access.

**Environment:** Informatica PowerCenter 9x, Informatica IDQ 9.1, Informatica MDM 9.5, Teradata, Oracle 11g, SQL Server, Toad, Control-M, Unix Shell Scripting (korn shell), SQL, PL/SQL,MS Excel, HP Defect Tracker, AR Remedy Ticket Tracking System.

**Client: Ochsner Health Systems, New Orleans, LA**

**Position: ETL Developer**

**Project: Health System Network**

**Duration: Jan 2011 – Mar 2012**

**Project Description:** Ochsner Health Systems is non-profit health care provider in Louisiana. The objective of the project is to consolidate the patient data originating from different departments into Oracle Data warehouse and then data is loaded into downstream data marts.

**Responsibilities:**

* Collect business requirements from the users/Business Analysts & Converted the Business logic into functional specs with enhancements to get better performance of the system.
* Created and Worked technical requirements and detail level documents.
* Involve in the entire SDLC (Software Development Life Cycle) process that includes implementation, testing, deployment and maintenance.
* Analyzed different data sources like Oracle 11g, Flat files and XML files and understand the relationships by analyzing the OLTP Sources and loaded into Oracle data warehouse.
* Performed Oracle Data Warehousing design and development including data modeling and backend processes, specifically, Extraction, Transformation and Loading (ETL) of data into staging tables and then into Data Marts/Warehouses.
* Extensively worked on developing Informatica Mappings, Mapplets, Sessions, Workflows and Worklets for the data to target warehouse using Informatica Workflow Manager.
* Developed Mapplets and Reusable Transformations to prevent redundancy of transformation usage and maintainability.
* Implemented and extensively worked on Slowly Changing Dimensions (SCDs both Type 1 & Type2).
* Configured the sessions using Workflow Manager to have multiple partitions on Source data and to improve performance.
* Used Informatica Debugger, session logs and Toad to resolve problems in a timely manner.
* Worked on performance tuning Informatica Mappings to identify and remove processing bottlenecks. Deployed and monitored Informatica mappings into production.
* Wrote PL/SQL Packages, Stored Procedures and Views in Oracle 11g.
* Coordinate and develop all documentation related to ETL design and development.

**Environment**: Informatica PowerCenter 9x, Toad Data Modeler, Oracle 10g/11g, Toad, PL/SQL, Linux, UNIX Shell Scripting.

**Client: ISentia, Sydney, Australia**

**Position: Informatica Developer**

**Duration: Feb 2009-Dec 2010**

**Project Description:** Isentia is the Asia-Pacific region’s leading media intelligence company, providing over 5,000 clients with information, analysis 24/7/365. Isentia has more than 1,100 employees across 15 countries filtering information from over 5,500 print, radio and television media outlets and over 250 million online conversations per month.Extracting the necessary data from various enterprise data sources defining, standardizing and measuring the quality as it is loaded into DWH, the providing a common toolset to be used by business users to measure results, solve problems, analyze and take actions to make world class BI program.

**Responsibilities:**

* Analyzed the Performed Data profiling on source systems data and the current reports at the client side to gather the requirements for the Design inception
* Prepared the High Level design documents like TAD and LLD documents like ETL specification documents.
* Analyzed Logical data Models and Forward Engineering the Physical data models using Erwin tool and execute them in DEV environment
* Experience with upgrading and migrated all the jobs from 7x to 8x.
* Designed and modified more than 20+ jobs for Informatica ETL components
* Experience in modifying existing job according to client requirement and loading data into staging tables.
* Steps to improve the quality of identity data.
* Designed Jobs Using complex Stages like Web Services Client (source), XML Input Stage, Complex Flat File Stage, and Hashed file Stage.
* Involved and worked in staging area and supporting and developing
* Involved in designing relational models for ODS and data marts using Kimball methodology
* Extracted and transformed data from high volume data sets of delimited files and relational sources to load into target Database
* Used parameters and variables extensively in all the mappings, sessions and workflows for easier code modification and maintenance
* Analyzed existing SQL queries, tables and indexes for performance tuning and advised based on the loading time.
* Effectively used error handling logic mechanism for data and process errors
* Performance tuning has been done to increase the through put for both mapping and session level for large data files by increasing target based commit interval.
* Prepared Unit test reports and executing the Unit testing queries.
* Supporting the UAT and fixing the issues raised in QA
* Providing post production support for the project

**Environment:** Informatica PowerCenter 7x/8x, Oracle 10g, WinScp, putty, TOAD, SQL Developer, SVN tortoise.

**Client: CGU, Melbourne, Australia**

**Position: Informatica Developer**

**Duration: Jul 2008 - Jan 2009**

**Project Description:** CGU Insurance has been protecting Australians for more than 160 years. It provide a wide range of insurance products tailored for all Australians, including commercial, rural, and personal and workers compensation insurance. It is one of Australia’s largest intermediary-based insurers and proudly supported by a national network of insurance advisers and business partners.

This project is for reverse mortgage. Testing was done for loan origination, loan processing & loan closing activities of reverse mortgage.

**Resposibilities:**

* Used informatica workflow manager to execute the workflows and informatica workflow monitor to monitor the status of the workflows.
* Developed standard and re-usable mappings and mapplets using various transformations like expression, aggregator, joiner, source qualifier, router, lookup, and filter.
* Configured the mappings to handle the updates to preserve the existing records using Update Strategy Transformation.
* Developed Test Cases for ETL/ Data warehouse changes based on technical specifications and Mapping documents
* Tested Complex ETL Mappings and Sessions based on business user requirements and business rules to load data from source flat files and RDBMS tables to target tables.
* Validated Informatica extraction, transformation and loading process by writing SQL against Business rules.

**Environment:** Informatica PowerCenter 8x, Oracle 10g, SQL Server, Flat Files, TOAD, UNIX.