ETL (Informatica, Pentaho Kettle, Oracle Warehouse Builder (OWB)) /DWH/Oracle (SQL, PL/SQL) Developer

**Summary**:

* 5 years of experience in the IT industry with a strong background in Developing and Testing Business Intelligence solutions in data warehousing and decision support systems using ETL tool Informatica PowerCenter 9.1.0/8.x/7.x, Pentaho Kettle 430/441 and Oracle Warehouse Builder(OWB) 11g.
* Possesses an Excellent understanding on full software development life cycle (SLDC) of ETL process including requirement definition, analysis, design, development, support of testing and migration to production.
* Extensively worked with large Databases in Development, Testing and Production environments.
* Experience with advanced ETL techniques including staging, reusability, data validation, and change data Capture (CDC) etc.
* Strong in Data warehousing methodologies of Star /Snow Flake schemas of Ralph Kimball, Bill Inman.
* Experience in developing Informatica Mappings, Sessions, Worklets and Tasks.
* Extensively worked on Informatica Power Center Transformations such as Source Qualifier, Lookup, Filter, Expression, Router, Normalizer, Joiner, Update Strategy, Rank, Aggregator, Stored Procedure, Sorter, Sequence Generator, and XML Source Qualifier.
* Experience in the development, testing and debug of individual data marts.
* Hands on experience in identifying and resolving performance bottlenecks in various levels like sources, targets, mappings, and sessions.
* Experience with different SQL Development Tools like TOAD & PL/SQL Developer.
* Good experience in shell scripts for Informatica pre & post session operations.
* Extensive work with PL/SQL, performance tuning of Oracle.
* Good experience in UAT against data mappings.
* Experience in Data Conversion of various data sources like Oracle (SQL, PL/SQL), SQL Server and Flat Files.
* Extracted Data from multiple operational sources of loading staging area, Data Warehouse and data marts using SCD (Type1/Type2/Type3) loads.
* Experience in PL/SQL Programming (Stored procedures, Triggers, Packages) using Oracle (SQL, PL/SQL), SQL Server 2005/2008.
* Experience on writing Unix Shell Scripting in Unix Environment.
* Experience in team management and a good team player.
* Experience in Java Server Pages(JSP) and Java Scripts
* Experience with Microsoft Access Database.

**Education:**

University Of Bridgeport, Bridgeport, CT

Master’s of Computer Science May 2010

Dharamsinh Desai University, Nadiad, Gujarat, India

Bachelor’s of Computer Engineering May 2006.

**Technical Skills**:

ETL: Informatica PowerCenter 9.1.0/8.6, Pentaho Kettle 430/441,Oracle Warehouse Builder 11g(OWB),PL/SQL, Toad for Oracle, Oracle Sql Developer, IBM Data Studio 3.1

RDBMS: Oracle 11g/10g/9i, SQL Server 2005/2008, XML,MS access, DB2

Methodologies Star schema and Snowflake schema

Languages: SQL, PL/SQL, MY SQL, C,C++, JAVA SDK, VB script, XML, HTML, UNIX Shell Scripting, Java Server Pages(JSP), Java Scripts

Operating system:Windows NT, Windows 98/2000/2007, UNIX, Linux, Korn Shell.

Protocols:TCP/IP,FTP

Web technologies:HTML,DHTML.XML

**PROFESSIONAL EXPERIENCE**

CMA Consulting, Albany, NY OCT ’13 to Present

ETL (OWB/PL/SQL) Developer

Since its inception, CMA has grown to meet the changing needs of those who depend on leading edge information technology services. We began as an executive search and placement service for IT professionals and expanded in 1984 to include information technology consulting. In 1990, we incorporated full-scale product development, training, and support services, which now includes Web-based system development and hosting services. Since 2000, we have offered our own suite of products designed to meet the needs of human resources professionals.

CMA is a New York State certified woman-owned business with corporate headquarters in Latham, NY and offices in New York, New York; Hyattsville, MD (serving the Washington, DC area); Austin, TX; and Phoenix, AZ. We offer our services nationwide from Texas to Oregon and from Guam to Maine.

CMA provides its customers the best in proven technology and experienced professionals.

**Environment**: Oracle Warehouse Builder, Flat files, Windows NT, UNIX, Shell Script, Winscp, Putty, Oracle SQL Developer, IBM Relational ClearCase and ClearQuest.

**Responsibilities**:

* Worked in requirement gathering with business analyst in support of Data Warehousing efforts
* Created fast track documents-FTD(technical design documents) and project design documents(PDD) as per the business requirements
* Designed and customized data model to create ETL mappings
* Developed complex ETL mappings using OWB to move data from flat files to our data warehouse
* Developed complex OWB mapping to transform the data as per business requirements and rules and after applying transformation rules load the data into target warehouse
* Extensively used Filter, Aggregator, Joiner, splitter, set operation, sorter, DEduplicator, expression, lookup, pivot transformations for populating target table in efficient manner.
* Used OWB tools-Designer, OMB plus to deploy the process flows and control center monitor to monitor the mapping and process flow execution
* Used SQL in Oracle environment using oracle SQL developer to write queries to extract and analyze data
* Worked on various evolutionary projects (EP-tickets) to modify the current process and be more efficient in the way we handle different formats of files and how we analyze the file using OWB
* Developed OWB mapping to extract the data from external tables and do the date and character validation
* Fine-tuned OWB mappings by identifying performance bottlenecks and deploying established solutions
* Involved in the installation of OWB client
* Worked on Claims and Members data evolutionary projects (EP) to accommodate the changes and modification by the business
* Worked on ICD-9 to ICD-10 conversion evolutionary project (EP)
* Created a complex OWB mapping to handle the duplicate member’s data
* Created complex SQL scripts(Insert, Update and Merge) to handle paid claims revenue code issue
* Modified existing OWB mapping from end to end to add two new columns to the financial business header table
* Developed processing logic to accommodate the new attribute to the provider hierarchy in MDW(Medicaid data warehouse) using OWB
* Performed unit testing in Development environment and created unit test documents for the code to work in efficient manner
* Created complex source to target minus queries to validate the data using oracle sql developer
* Created complex stored procedure to insert and update the data using merge statement in oracle sql developer
* Created packages, body and procedure using oracle sql developer
* Worked with IBM Clear Quest bug tracking system to track Eps(tickets) for the issue tracking and project management
* Worked with IBM ClearCase software for the version control, source code and other documents such as FTD, PDD and unit test documents
* Used Putty and Winscp to upload the data delivery flats files

BeneCard PBF, Mechanicsburg, PA OCT ’12 to SEPT ‘13

ETL (Informatica/Pentaho Kettle) Developer

BeneCard PBF is a division of Benecard Services, Inc. Our corporate office is in Orlando, Florida, with additional sites in Pennsylvania and New Jersey.

We combine a 22 year history of administering fixed rate prescription benefit programs with a management team of pharmacists and industry experts who focus only on self-funded prescription benefit program administration.

BeneCard PBF is an experienced, time-tested organization with a new approach to prescription benefits. We use the term "Prescription Benefit Facilitator" (PBF) to describe ourselves because a good facilitator is focused on achieving your goals, not their own. We contrast ourselves from traditional PBMs whose business model makes it impossible for them to fully represent your interests. BeneCard PBF offers all that is available from traditional PBMs but in a manner that always puts your goals first.

Many of our executives, at all levels, were previously affiliated with the highly successful and nationally recognized prescription benefit company National Prescription Administrators, Inc. Benecard clients benefit from their decades of collective experience and "client first" approach.

BeneCard PBF's leadership team consists of seasoned industry professionals who focus on achieving our clients' goals.

**Environment**: Informatica PowerCenter 9.1.0, Pentaho Kettle 430/441, DB2, Flat files, Windows NT, Mantis Bug Tracker, UNIX, Shell Script, Java Script, Tortoise SVN, Winscp, Putty, IBM Data Studio 3.1.

**Responsibilities**:

* Worked with Business Analyst and architect to finalize Data Model, functional and detailed technical requirements
* Created technical documentation describing ETL task implementation
* Developed complex ETL mappings using Informatica to move data from our operational database to our data warehouse
* Developed complex Informatica mappings using Filter, Sorter, Aggregator, Look up, stored procedure, Joiner, Router transformations for populating target table in efficient manner
* Extensively used Informatica client tools-Designer, workflow manager and workflow monitor
* Used SQL in a DB2 environment to write queries to extract data
* Worked on Re-pricing of the Drug project to modify the current process of re-pricing and be more efficient in the way we handle different formats of files and how we analyze the file using Informatica
* Used Informatica to transform, process, and load data in to our data warehouse
* Worked with loading data from ODS source into Staging tables and staging tables to delimited flat files.
* Created Logical and Physical model of the re-pricing application
* Used Session Partitioning to speed up data reads and reduce load times
* Involved in the installation of Informatica client
* Created ETL transforms and jobs using Pentaho Kettle to extract data from flat files (CSV, Excel, Text) and loads to warehouse
* Created staging tables for ETL tasks
* Established a process to develop and deploy code in a team
* Experience in Debugging and Performance Tuning of targets, sources, mappings and sessions
* Worked on CMS (MMDR, MPWR, BEQ response and Marx response files etc) project to load the files received into warehouse using Pentaho kettle
* Performed Unit testing and QA testing and created documents for the code to work in efficient manner
* Developed transforms and jobs to keep track of the changes made by the Re-formatter application and update the warehouse table accordingly
* Developed Pentaho transforms and jobs to convert complex excel files received by client into Text file to load into warehouse
* Worked with Mantis bug tracking system to create mantis for the issue tracking and project management
* Involved in daily run of Pharmacy and Drug data to production warehouse
* Used SVN Repo Browser for revision control of source files
* Used Putty to execute Jobs

Amerigroup Real Solutions In Healthcare, Virginia Beach, VA Jan ’12 to Sept ‘12

ETL (Informatica) Developer

Solving America’s Toughest Health Care Challenges.

Amerigroup’s only business is managing publicly funded health programs for our Nation’s most vulnerable.

Amerigroup is honored to be a Fortune 500 company serving approximately 2 million members in 12 states Nationwide, we serve one out of every 35 Medicaid recipients and one out of every 25 kids covered by CHIP.

We improve access to quality health care for our members while lowering costs for taxpayers. We coordinate services for individuals in publicly funded health care programs.

Amerigroup accepts all eligible people regardless of age, sex, race or disability.

Our product offerings do not utilize any individual underwriting nor deny coverage due to pre-existing medical conditions. Amerigroup is dedicated to offering real solutions that improve health care access and quality for its members, while proactively working to reduce the overall cost of care to taxpayers.

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**Environment:** Informatica PowerCenter 9.1.0, Oracle 10g/11g, SQL Server 2008, Toad for Oracle, Flat files, XML, Windows NT, Tidal Scheduling Server, JIRA

**Responsibilities**:

* Worked with Business Analyst and application users to finalize Data Model, functional and detailed technical requirements
* Analyzed data source, extracted, transformed, and loaded data in to target data warehouse based on the requirement specification using PowerCenter
* Performed data manipulations using various Informatica Transformations like Joiner, Expression, Lookup, Aggregate, Filter, Update Strategy and Sequence Generator etc
* Developed and tested all the informatica mappings, sessions and workflows - involving several Tasks
* Developed Technical and Functional Design Documents
* Used SQL tools like TOAD and SQL Server Management Studio to run SQL queries and validate the data in warehouse
* Worked with FACETS Team to extract the provider data and load them to the SQL server data warehouse
* Developed complex Informatica data Mappings to extract Provider data from FACETS, XML Files and SQL Server and load to SQL server target data warehouse
* Worked extensively on Provider Life Cycle Management
* Developed a complex Informatica process to keep the history of the data to avoid the duplicate load and future reference as well
* Worked on Emptoris Legacy conversion project for moving data from Macess system to Emptoris Legacy system
* Worked on Emptoris Contract Management (ECM) system to utilize a Bulk Load Utility (BLU) process to upload data from predefined Excel sheets containing legacy data
* Worked with Emptoris Contract Management(ECM) system to load provider Address, Organizations and Contracts using a Bulk Load Utility (BLU) process
* Resolved complex issue with a provider Excel sheet to load more documents
* Developed a procedure to load the missing provider data from initial load using informatica
* Developed generalized process to reduce manual effort for data loading
* Worked with JIRA for issue tracking, bug tracking and project management
* Developed complex Informatica mappings using Filter, Sorter, Aggregator, Look up, sequencer, Joiner, Router transformations for populating target table in efficient manner
* Performed unit testing and created documents for the code to work in efficient manner
* Participated in UAT and QA testing and provided support
* Resolved the production Issues
* Assisted in logical and physical data modeling using ERWIN 4.0
* Extensively used the Informatica Debugger for debugging the Mappings to check the Business rules implemented correctly or not
* Developed and tested all the informatica Data mappings, sessions and workflows - involving several Tasks

Wellcare Health Plans INC, Tampa, FL July ’10 to Dec ‘11

ETL (Informatica)/DWH/PL/SQL Developer

WellCare Health Plans, Inc. provides managed care services targeted to government-sponsored health care programs, focusing on Medicaid and Medicare. Headquartered in Tampa, Florida, WellCare offers a variety of health plans for families; children; and the aged, blind and disabled; as well as prescription drug plans. The company served approximately 2.4 million members nationwide as of June 30, 2011.

Environment: Informatica PowerCenter 8.6, Oracle 10g/11g, SQL Server, PL/SQL Developer, Flat files, UNIX, Shell scripts, Windows NT, Autosys server

**Responsibilities**:

* Interacted with business representatives for requirement analysis and to define business and functional specifications
* Delivered responsibilities as Analyst and Programmer including interaction with Business Users for Requirements Gathering, Creating Technical Specifications, Design, Development, and Production Support & Maintenance
* Analyzed data source, extracted, transformed, and loaded data in to target data warehouse based on the requirement specification using PowerCenter and PL/SQL developer
* Developed data Mappings between source systems and warehouse components using Mapping Designer
* Involved in the documentation of HIPAA 4010 and 5010 changes to EDI 837 and 820 Transactions
* Worked with various heterogeneous sources such as Oracle10g/11g, and Flat Files to load the data into the target Oracle data warehouse
* Strong experience on 4010 and 4010 to 5010 conversion
* Worked on HIPAA 4010 and 5010, EDI, HIPAA transactions to support the analysis of current business process
* Designed and implemented HIPAA 835 Payment Advice Transaction, 837 Health Care Claim Transaction
* Involved in Premium Reconciliation(Remits and Enrollment) process for medicaid
* Worked on Excelys 6.0 upgrade process
* Developed complex Informatica mappings using Filter, Sorter, Aggregator, Look up, stored procedure, Joiner, Router transformations for populating target table in efficient manner
* Strong experience in doing unit testing and creating documents
* Involved in UAT and QA testing
* Provided strong QA and UAT support
* Worked with Unicenter Workload Control Center for production scheduler jobs
* Resolved the production support tickets
* Strong experience on OLAP (Online Analytical Processing)
* Extensively Used Transformations like Source Qualifier, Expression, Filter, Aggregator, joiner, lookup, Sequence Generator, Router, Sorter and Stored Procedures. And used debugger to test the mappings and fixed the bugs
* Analyzed the session and error logs for troubleshooting Data mappings and sessions
* Implemented efficient and effective performance tuning procedures
* Worked on oracle partitioning for performance tuning
* Strong experience on Oracle SQL and PL/SQL Languages
* Involved in Data Extraction from Oracle and Flat Files using SQL Loader
* Extensively used the Informatica Debugger for debugging the Mappings to check the Business rules implemented correctly or not
* Good experience in UNIX shell scripts in Unix Environment

Industrial Curriculum Practical Training Apr ’05 to May ‘06

Sharp Electronics and Computers, Surat, Gujarat, India

Sharp electronics and Computers, is a professionally based on software developing, web application, networking , hardware manufacturing and maintenance of control system. The company's vision is a software service offering a value based software products and services through continuous application of knowledge and contemporary technologies.

Project title: To Develop Web Applications

This web application is made for sales purpose and other information. It contains the information about Product category, Product subcategory and Product price. Users have facility to contact the company and give their suggestions and messages. Users have the information about the products and facility to buy them. After Purchasing the Products Checkout Page will be displayed. Checkout page contains name, email, address etc.. After submitting this information user will get an e-mail and admin will also get an e-mail. E-mail contains a brief description of the Products users have purchased

**Responsibilities**:

* Created a FRD and Technical requirement document
* Designed database modeling approach
* Worked closely with database architect team to design database
* Created Data Flow Diagrams(DFD Level 0, level 1 and level 2) for the backend database and front end GUI
* Created UML Class, Activity and use diagram for front end GUI
* Developed front end GUI for the web site using Java Serve Pages, HTML and Java Scripts
* Developed frontend GUI web pages Home page, contact Us, Products and Cart using HTML
* Developed Admin Panel using Java script
* Developed various database tables(Main\_Category, Sub\_Category, Product\_List,Cont\_Info etc. ) using Microsoft Access Database
* Worked on unit testing of the web site and created a document
* Created a reporting document
* Worked in a team of two to achieve the desired goal
* Learnt to work in a team at a professional level