**KALYA ARCHANA BHAT**

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**Summary:**

* 7years of professional experience in Information Technology.
* 7years of experience in Analysis, Design, Development, Testing, Implementation, Enhancement and Support of Data Warehousing applications
* Knowledge in Dimensional Modeling, Star and Snowflake schema
* Proficient in utilizing Informatica PowerCenter 9.x/8.x for developing the Data Warehouse loads as per client requirement
* Experience in developing ETL workflows involving various source and targets like Oracle, Flat Files, MS SQL Server
* Experience in developing complex mappings with the use of various transformations such as lookup (connected/unconnected, static/dynamic), source qualifier, expression, update strategy, router, sequence generator, aggregator, filter, joiner and sorter transformations.
* Experience in developing SQL queries
* Experience in UNIX shell scripting and FTP/SFTP in various UNIX environments.
* Strong Knowledge in Relational Database Concepts, Normalization and De normalization Concepts.
* Organized, dependable and possess excellent communication and client-interfacing skills.
* Possess excellent analytical skills.
* Strong ability to multi task and prioritize workload.
* Quick learner, highly motivated, detail oriented and able to work independently while being part of the team.

**Technical Skills:**

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| ETL : | Informatica Powercenter 8.6/9.0.1/9.1/9.5 |
| Database : | Oracle, MS SQL Server |
| Operating System : | MS Windows, Linux, Solaris, AIX |
| Languages : | Unix, SQL |
| Tools/Utilities : | TOAD for Oracle/SQL server/Data Analysts |
| Version Control : | Informatica Powercenter Repository Manager |
| Scheduling Tool : | Autosys, UC4 |
| Productivity : | MS Office Suite |

**Professional Experience:**

**PayPal, San Jose, CA**

Jan 2014-Current

Mid-Level ETL Developer

MICA/Global Credit Expansion::The project has been branded as GCE, Global Credit Expansion, to support PayPal credit expansion beyond the US market. GCE is PayPal’s top initiative to become the leading institution to deliver unique financial solutions with flexible credit platform that can rapidly and efficiently scale to new markets. The first phase of the project focuses on expansion to US, UK and DE. Future phases will focus on France, Italy, Spain (FRITES) and Australia and Canada.

**Responsibilities:**

* Partnered with business and other technical persons for the Requirement analysis
* Developed complex Informatica mappings using different types of transformations like Connected and Unconnected Lookup transformations, Router, Filter, Aggregator, Expression and Update strategy transformations for large volumes of data
* Used reusable Java transformation (did not develop java code) in mapping to decrypt encrypted data like DOB, Customer Account Number.
* Implemented SCD 1/2 mappings to cater to use cases
* Implemented data loads using incremental load strategy based on last modified date of source table
* Prepared Unit test cases and Unit tested Informatica Mappings according to the business requirements
* Used SQL tools like Toad/SQL Developer to develop SQL queries to be plugged into Source Qualifier as well as to validate the data
* Created Workflows and sessions using Informatica workflow manager; Monitor the workflow and run statistics on Informatica Workflow Monitor
* Defined Mapping parameters and variables and Session parameters according to the requirements
* Tuned performance of Informatica code for better performance
* Used Version Control provided by Informatica (Repository Manager) on each and every object
* Undertook the responsibility of code migration from Dev to QA and Production environments
* Developed UNIX Scripts to execute Informatica workflows, archive logs/Source Files etc.
* Scheduled the production jobs on UC4 scheduler

Environment: Informatica PowerCenter 8.6.1/9.0.1,PowerExchange 8.1,oracle 11g , XML, XSD, Unix,Unix Shell Script, Micro strategy.

**Bank of America, Charlotte, NC**

March 2012 – Dec 2013

ETL Developer, Production Support

Data Mining and Metrics::In this application, we collect fulfilment data (Global Fulfilment System) and servicing data (Global Servicing System) from flat files, Oracle and MS SQL DBs and transform the data in order for the clients to generate data metrics reports.

**Responsibilities:**

* Developed reusable Informatica components like shortcuts, Mapplets, Worklets, reusable transformations for better code management and cleaner code base**.**
* For better query performance worked with DBA to create additional indexes and gathered stats once a week.
* Tuned Informatica mappings using persistent cache, sorting rows where applicable etc
* Developed complex Informatica mappings using different types of transformations like Connected and Unconnected Lookup transformations, Router, Filter, Aggregator, Expression and Update strategy transformations
* Scheduled Informatica Workflows using Autosys scheduler
* Developed Unix shell Scripts for running Informatica workflows, archiving logs/source files
* Created Unit Test Cases and documented Unit Test Results
* Performed root cause analysis of the bugs and provided solutions
* Fixed bugs during unit testing and QA testing
* Actively participated in clarification meetings with the Clients
* Deployed Informatica code into production as well as provided Production support

Environment: Informatica PowerCenter 8.6.1, oracle 11g/10g/9i/8i, PL/SQL, SQL Developer 3.0.1, Toad 11.

**Fidelity Investments, Bangalore, INDIA**

June 2008- Feb 2012

ETL Developer

Defined Benefits::Project involved development of a defined benefit plan administration system for end-clients. Fidelity is a record keeper of retirement benefits for many major US companies. It maintained an in-house system that helps the employees of the end-clients to track their benefit information. The business objective of the project was to have a centralized administration system that would cater to the needs of various end-clients. Our team was involved in building the Data warehouse to store the client confidential data.

**Responsibilities:**

* Developed Informatica mappings using different types of transformations like Connected and Unconnected Lookup transformations, Router, Filter, Aggregator, Expression and Update strategy transformations.
* Effective use of some session properties – UPSERT using session properties (rather than update strategy), Indirect file loading method, enabling high precision to handle larger numbers, stop on error etc.
* Used some workflow tasks like session and command tasks
* Created Deployment groups in Informatica Repository manager – mostly used for version control and code migration
* Performed code enhancements according to new requirements from business. This involved understanding already existing Informatica mappings and subsequently making additional changes.
* Use PMCMD command to execute the workflow from UNIX environment.
* Developed UNIX scripts to execute Informatica workflows and basic file handling – source file archival for future reference, target file purge to effectively manage file system space.

**Environment**: Informatica Power Center 8.0 Work Flow Manager/Monitor, Erwin 4.0, Oracle 10g/9i, SQL, PL/SQL,TOAD, SQL \* Loader, Sun Solaris 2.6, UNIX Shell Scripting