**Archana Kamath**

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**Summary:**

* 4.5 years of professional experience in Information Technology.
* 4.5 years of experience in Analysis, Design, Development, Testing, Implementation, Enhancement and Support of Data Warehousing applications
* Knowledge in Dimensional Modeling - Star and Snowflake schema, facts and dimensions.
* Proficient in utilizing Informatica PowerCenter 9.x/8.x for developing the ETL Loads per requirements.
* Experience in developing ETL workflows involving various sources 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 re-usable ETL objects – mapplets, re-usable transformations, shortcut objects, and shared folders.
* Knowledge of workflow tasks – sessions, command task, e-mail task.
* Exposure to advanced ETL concepts – mapping variables and parameters, parameter files, and indirect file loading method.
* Exposure to ETL optimization techniques – concurrent workflows, partitioning, pushdown optimization.
* Calling Informatica workflows from Unix scripts using PMCMD command.
* Understanding cross-functional dependencies and scheduling jobs efficiently.
* Experience in developing SQL queries using joins, window functions, aggregate functions etc.
* Experience in UNIX shell scripting and FTP/SFTP in various UNIX environments.
* Strong Knowledge in Relational Database Management System (RDBMS) concepts - Normalization and De normalization Concepts.
* Well versed with Manual and Automated Testing methodologies and principles.
* 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:**

**Bank of America, Charlotte, NC**

March 2013 – Dec 2015

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
* Reviewed Informatica mappings and test cases before delivering to Client
* Written Test Cases for ETL to compare Source and Target database systems.
* Testing of records with logical delete using flags
* 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.
* Tested the application by writing SQL Queries and creating pivot views as to perform back-end testing.

Environment: Informatica PowerCenter 9.1 ,Oracle 11g/10g/9i/8i, PL/SQL, SQL Developer 3.0.1, Toad 11.

**Hewlett Packard, Bangalore, INDIA**

June 2011- Dec 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.
* Prepared test plans/test schedules with inputs from Project manager and development team
* Tested the application by writing SQL Queries and creating pivot views as to perform back-end testing.

**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