**Arun Kumar Pittampally**

**Sr. Informatica Developer 484-240-1488**

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9+ experience in analysis, design, development, implementing, testing and maintenance of the software solutions in various business applications with ETL/Informatica PowerCenter 9.x/8.x/7.x.

**Executive Summary:**

* Have good experience in Data Warehousing with an emphasis on **ETL, Database Design** andbuilding Enterprise Data warehouse/Data Marts**.**
* Have extensive experience in setting up Procedures to Extract, Transform and Load (ETL) data from Operational and Legacy Systems to the Data Warehouse by Using **Informatica Power Center** (Repository Manager, Designer, Server Manager/Workflow manager, Workflow Monitor), Power exchange and Data Stage.
* Worked on various phases of **Software Development Life Cycle (SDLC)** such as Project Requirement Study, high level design, low-level design, Coding, Testing, Quality assurance Documentation, Implementation and Project Planning.
* Worked on several **transformations** such as Filter, Lookup, joiner, Rank, XML Source qualifier, Sequence Generator, Stored Procedure, Update strategy, Aggregator and Expression transformations in Informatica.
* Extensive experience in extraction, transformation and loading of data directly from different heterogeneous sources like Flat Files, Oracle, Sybase, SAP, XML, SQL server and DB2.
* Created and implemented **Autosys** Scripts to schedule and monitor jobs.
* Experience in dealing with clients to gather and understand the Business requirements, product demonstrations and providing product support
* Experience in creating Universes, various types of Reports and Charts for Decision Support Systems (DSS) using **Business Objects.**
* Experience in retrieving data from Business Objects Universes, Personal Data Files, Stored Procedures, RDBMS and Created complex and Sophisticated **Reports** that had multiple data providers, drilldown, slice and dice features using Business Objects.
* Substantial development experience in creating Procedures, Packages, Functions, Triggers, APIs and other database objects using SQL and PL/SQL.
* Experience in Installing and Configuring oracle Databases and extensively used Oracle 9i utilities like SQL Loader Import/Export, and **Explain plan**.
* Have experience with Data modeling in identifying the fact and dimension tables and designing the database.
* Good experience in **UNIX Shell scripting**. Wrote numerous Unix Shell scripts to drive the Informatica sessions, batches and workflows.
* Good working knowledge in SAP BW and BODS.
* Hands on experience with Transact-SQL which includes creating Complex Business Stored Procedures, Tables, Cursors, Views, Indexes, Triggers and Functions.
* Experienced in working with the tools likeTOAD, SQL Server Management studio and SQL plus for development and customization.
* A self-motivated, responsible and reliable team player with a set of strong technical skills.

**TECHNICAL SKILLS**

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| --- | --- |
| ETL Tools | Informatica Power Center 8.6/8.5/8.1/7.1/6.2, Data Stage and Business objects XI/ 6.0/5.0 |
| Data Modeling | Star schema modeling and snowflake modeling |
| Databases | Oracle 7.x/8.x/9i/10g, SQL Server 2000/05, Teradata and DB2 |
| Operating systems | Windows 2000/NT, 98, XP, UNIX and AS400 |
| Languages | C, C++, HTML, Shell Scripting, SQL, T –SQL and PL/SQL. |
| DB Tools | SQL\*Plus, SQL\*Loader, Management studio, TOAD and Erwin 4.1. |

### Project Experience:

### eBAY Inc, Scottsdale, AZ Aug '13 to till date

Role: Sr. Informatica Consultant.

eBay Inc. is an American multinational internet consumer-to-consumer corporation, headquartered in San Jose, California. The company manages eBay.com, an online auction and shopping website in which people and businesses buy and sell a broad variety of goods and services worldwide they had their internal sustaining team now for past 3 yrs... IBM is rendering support to the SAP and other applications.

Responsibilities:

* Interacted actively with Business Analysts and Data Modelers on Mapping documents and Design process for various Sources and Targets in corresponds to project coordination. Worked directly with Senior Architect and other team members to create ETL design specifications and support the implementation.
* Involved in translating the functional requirements into technical mapping specifications and leveraged Informatica Power Center 8.6.1 to extract the data from AS/400 DB2 files, Oracle tables and flat files to populate billing, service order and plant interface files, which are then loaded into the Citizens DPI billing system.
* Used transformations like Source Qualifier, Aggregator, Filter, Router, Sequence Generator, look up, Rank, Joiner, Expression, Stored Procedure and update strategy to meet business logic in the mappings.   
  Worked with Memory cache for static and dynamic cache for the better throughput of sessions containing Rank, Lookup, Joiner, Sorter and Aggregator transformations.
* Created Mapplets, reusable transformations and used them in different mappings.
* Created Workflows and used various tasks like Email, Event-wait and Event-raise, Timer, Scheduler, Control, Decision, Session in the workflow manager.
* Worked with Memory cache for static and dynamic cache for the better throughput of sessions containing Rank, Lookup, Joiner, Sorter and Aggregator transformations.
* Extensively worked with Source Analyzer, Warehouse Designer, Transformation Designer, Mapping Designer and Mapplet Designer.
* Responsible for monitoring all the sessions that are running, scheduled, completed and failed. Debugged the mapping of the failed session.
* Developed, executed Test Plans and Test Cases to validate and check Referential integrity of data extracts before loading it to Data Warehouse.
* FTP scripts and Extraction of Unstructured Data from various Verizon Data formats using Shell Scripts. XML/flat file formats also extracted successfully. Extensively worked on SQL tuning process to increase the source qualifier throughput by analyzing the queries with explain plan, creating new indexes, partitions and Materialized views.
* Designed and developed error handling and rekey mechanism in Informatica.
* Created repository & assigned grants to users to access the repository.

### Caterpillar, East Peoria- U.S.A Jun '12 to Aug '13

Role: Informatica Developer

Responsibilities:

* Gathered requirements from users and translated into technical specifications.
* Involved in the design of Data-warehouse using Star-Schema for the detailed data marts.
* Participated in Conceptual model on requirements analysis with Data Analyst and Business Analysts.
* Developed complex mappings and Slowly Changing Dimensions type-I and Type-II mappings inInformatica to load the data from various sources using different transformations and created complex mapplets for reusable purposes.
* Used various Transformations like Expression, Filter, Joiner and Lookups for better data messaging, migrate clean and consistent data.
* Deployed reusable transformation objects such as mapplets to avoid duplication of metadata, reducing the development time.
* Extensively used Workflow Manager for creating workflows, worklets and tasks like Email, Timer Event Raise, Event Wait, Decision and Command.
* Scheduled and ran Extraction-Load process and monitored tasks/workflows using the Workflow Manager and Workflow Monitor.
* Implemented post-session and pre-session UNIX shell scripts to run and control workflows using the pmcmd.   
  Worked on scalability and performance tuning batch processing to handle large volumes.
* Involved in fixing the invalid mappings, and testing the stored procedures and functions as part of Unit and Integration Testing.
* Created documents for data flow and ETL process using Informatica mappings to support the project once it is rolled in to production.
* Troubleshoot problems by checking sessions/error logs in the Workflow Monitor and also used debugger in Mapping Designer to debug complex mappings.
* Resolved memory related issues like DTM buffer size, cache size to optimize session runs.
* Used Informatica Version Control for checking in all versions of the objects used in creating the mappings, workflows to keep track of the changes in the development, test and production environment.

### United Parcel Service (UPS) U.S.A Jul '11 to Jun '12

Role: Sr. Informatica Developer

Responsibilities:

* Translated Business Requirements into Informatica mappings to build Data Warehouse by usingInformatica Designer, which populated the data into the target.
* Extracted data from various source systems like Oracle, XML and flat files and loaded into relational data warehouse and flat files.
* Designed and developed complex mappings, from varied transformation logic like Unconnected and Connected lookups, Router, Filter, Expression, Aggregator, Joiner, Update Strategy, Stored Procedure and more.
* Created and scheduled Sessions, Jobs based on demand, run on time and run only once using Workflow Manager.
* Involved in coding of the Business Rules through PL/SQL using the Functions, Cursors and Stored Procedures.
* Provided Knowledge Transfer to the end users and created extensive documentation on the design, development, implementation, daily loads and process flow of the mappings
* Performance tuning of the Informatica mappings using various components like Parameter files, Variables and Dynamic Cache.
* Maintained good interaction with analysts, Project Managers, architects and testers to have efficient and better results.
* Used SQL tools like TOAD to run SQL queries and validate the data.
* Partially involved in writing the UNIX Shell Scripts, which triggers the workflows to run in a particular order as a part of the daily loading into the Warehouse.
* Designed and developed various kinds of reports based on user requirement. Provide weekly status report on support tasks, monthly reports and metrics on monitoring and support initiatives and quarterly reviews on existing processes.
* Provided production support for business users and documented problems and solutions for running the workflows.

**Chevron Corporation U.S.A Feb '09 to Jul '11**

Role: Informatica Developer

Responsibilities:

* Worked closely with Business Analysis team, discussed and gathered the Analytics requirements and created the Business Model using Star schemas.
* Worked on designing and coding the complete ETL process using Informatica for various transactions and loading data from different sources like Flat Files and Relational Database.
* Created numerous Mappings and Mapplets using Transformations like Filters, Aggregator, Lookups, Expression, and Sequence generator, Sorter, Joiner and Update Strategy.
* Used Parameter files to define values for parameters and variables used in the mappings and sessions.
* Dropping and re-creating Indexes on the database Target table using pre-sql and post-sql techniques while loading huge tables.
* Created Sessions and Worklets in Workflow manager having event tasks like e-mails.
* Worked on performance tuning by finding out the bottlenecks in various mappings.
* Unit testing self and other mappings before deploying the code for QA testing by creating scenarios based on the business requirement.
* Handled UNIX operating system tasks by generating Pre and Post-Session UNIX Shell Scripts.
* Designed new Informatica mappings which extract data from PDM system and load into DSS systems.
* Involved in creating Autosys Jobs which call Informatica Workflows, which run in the supply chain environment.
* Played a key role in day to day production support of the Informatica batch.
* Writing documentation to describe program development, logic, coding, testing, changes and corrections.

**Proctor & Gamble U.S.A Sep'07 to Feb'09**

Role: Informatica Developer

P&G is one of the US top MNC in consumer products based in Cincinaati, Ohio. Products includes personal care, cleaning, food beverages and pet foods.

Responsibilities:

* The prime responsibility of the team is to develop a Patient Care Data Warehouse (PCDW).This data warehouse is used to access detailed clinical data on a platform and also to facilitate the enterprise-wide data analysis within the health care environment.
* Designed and deployed overall ETL strategy including CDC, SCD's, Partition Management, Materialized Views and other complex mapping logics.
* Migrated from Informatica PowerCenter Repository version 7.1 to 8.1 and applied patches over 8.1.
* Implemented appropriate Error handling logic, data load methods and capturing invalid data from the source system for further data cleanup.
* Involved in designing logical and physical database designing using ERWIN tool.
* Developing shared objects in Informatica for source/target/lookup transformations, developed complex mappings, sessions/workflows/worklets, database connections.
* Entered metadata descriptions at both the transformation and port level in complex mappings
* Design the ETL process and schedule the stage and mart loads for the data mart.
* Debugging and Troubleshooting Informatica Mappings.
* SQL Query tuning including Explain Plan, using Optimizer Hints, Indexes and Histograms.
* Involved in Postproduction support and enhancements.
* Analyzed the Specifications and involved in identifying the source data needs to be moved to data warehouse.
* Involved in Project scheduling and Project Estimations.
* Worked closely with the Requirements Manager and business Analysts on the requirements collection process.
* Provide technical support to the IT staff in identifying and resolving problems. Act as a liaison with internal teams to research, analyze and propose solutions to technical, operational and test scenarios.
* Assisted the tester in developing the test cases and reviewed them.
* Have thorough experience on Defect Management.
* Supervised the Environment migration process from Development to Test.

**Al Khaleej Sugar L.L.C. Dubai (ON-SITE)** **Jan ’07 to May ‘07**

Role: Sr. Informatica Developer

Brief company detail:

Al Khaleej Sugar, UAE is a leading sugar manufacturer in the gulf. The main products of the company are pure white refined sugar. Sugar Syrup suitable mainly for use as cattle feed is produced as a by-product. The company also re-exports raw sugar to various end-users.

Responsibilities:

* Worked with Systems Analyst to review the FRD and got the design approval on the ADS.
* Attend daily stand up call to discuss on outstanding issues and daily progress.
* Completed code review with the lead/architect and share the unit test result with SA, QA and DEV team.
* Worked with fixed width and semicolon delimited flat files as the group and eligibility extracts are written on the flat files.
* Strong functional knowledge how dealer management business operates.
* Used Cigna's application to setup the group and subscriber data in the FACETS application.
* Updated SQL overrides in source qualifier according to the business requirements.
* Performed data manipulations using various Informatica transformations like Expression, Router, Lookup, Aggregator, Filter, Update Strategy, Stored Procedure, etc.
* Created and used different tasks like Command Task, Event Wait, and E-mail etc.
* Worked on Performance Bottlenecks to improve the performance of the sessions and workflows by using the HINTS, Pre SQL and Post SQL. Involved in data-masking.
* Created Deployment Groups to move the ETL code from RS\_Dev to RS\_TST, RS\_UAT and RS\_PROD.
* Created Harvest package (Cigna's homegrown tool for Version control) and promoted the DG along with the other objects (PARM file, DDL, DML changes).
* Worked with the offshore DEV and QA team.
* Updated the project documentation in Project SharePoint folder.

**FSL – Freescale (US)** **Aug ’05 to Dec ‘06**

Role: Associate Developer – Informatica.

Worked with **team providing post production maintenance and support for the client.**

Responsibilities:

* Troubleshoot and diagnose complex technical work, resolve end User issues.
* Taking responsibility in fixing the defects.
* Loading of history data (around 450 million records) and addressing the issues if found.
* Checking the daily run jobs in Control-M and analyzing the failures.
* Helping in deploying the code from Development environment to Test and Production environment.
* Helping team members in resolving their problems and make sure the defects are closed on time.
* Updated the project documentation in Project SharePoint folder.

**MPL – Manali Petrochemicals LTD** **Apr. ’06 to Aug ‘06**

Role: Associate Developer – Informatica.

Brief company detail:

One of the largest Petrochemical complexes in Chennai The annual turnover of this company is 50 million US$. They have production facilities for the products Polyols, Propylene glycol & Propylene oxide. To keep pace with the market demands for faster deliveries and customer service the MPL &SORL operations are fully integrated across two plants through SAP R/3- ERP system.

**Description of Work:**

* Troubleshoot and diagnose complex technical work, resolve end User issues.
* Taking responsibility in fixing the defects.
* Helping in deploying the code from Development environment to Test and Production environment.
* Helping team members in resolving their problems and make sure the defects are closed on time.
* Participated in giving estimates for the project.

**Academic Profile**

* **MCA** (Master in Computer Applications), India.2004
* Advance Diploma in Computer Applications.
* Bachelor’s Degree in Commerce, India.