**Devarasetty Syam Sundar**

**Sr. Informatica Developer/Analyst**

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**Summary:**

* **Certified Informatica Developer** with good experience in IT industry having extensively involved in designing, developing, installing, implementing and supporting Data Warehouses, data marts and data integration projects.
* Followed **ETL best practices** and standards in implementing ETL mappings using different transformations like Source Qualifier, Expression, Connected / Unconnected Lookup, Aggregator, Sorter, Router, Filter, Update strategy, etc.,
* Experience in full lifecycle design & Implementation of **Star and Snowflake Schemas**. Hands on Experience in **Performance Tuning** techniques and Implemented Advanced Features/properties of Power Center including **Partitioning**, **Concurrent Execution, Creating Indexes** and **Workflow Recovery**.
* Experience in **Integrating** the Informatica power center/cloud 8.x/9.xwith **Legacy systems**
* Extensively worked on **Informatica power exchange 9.6.0 End to End Installation** / **up gradation** / **User Roles creation** / **group’s creation** / **migration activities** / **Repository & Integration services creation / Repository Backup and restore.**
* Sourced Data from various source systems like **Oracle**, **SQL Server**, **DB2**, **Flat files**, **Accesses databases** with the help of **ODBC** and **native connections**.
* Experience in complete **Software Development Life cycle** (SDLC) including Requirement, Analysis, estimations, Design, Construction, Unit and System Testing and implementation.
* Expert on **Slowly Changing Dimensions Type 1, Type 2** and **Type 3** for inserting and updating Target tables for maintaining the history.
* Integrated Salesforce CRM with **Informatica cloud** to extract Customer related data.
* Performed **data synchronization** , **data replication** using Informatica cloud
* Worked extensively in preparing **Unit test cases** (UTC) documents, **Design documents**, for data validation and migration purposes.
* Experience on **Post / pre SQL scripts** for performing any DML operations on the table after the session run or before the session run depending on the requirement.
* Created Rule based files (**RBL**) files for custom based linking in Informatica metadata manager for generating data linage.
* Created custom modals in **Informatica metadata** manager for data governance and impact analysis.
* Created task bots for automating download and extract process using **Automation anywhere**.
* Experience in **Data Warehouse Administration Console** (DAC) / **Control-M** scheduling tools for Monitoring ETL jobs.
* Good knowledge on **OBIA 7.9.6.3** seeded ETL **vanilla mappings**& Customizing vanilla mappings as per the customer requirements. Good understanding of Reporting tools like **OBIEE** &**Tableau**.
* Strong experience in **Production support** environment at all levels including releases and change requests. Also, well management capabilities in resolving the tickets with in the **SLA** time lines.
* Excellent problem solving skills with strong technical background, **Excellent Team Player** with interpersonal skills.

**Education:**

* Master’s in Computer Science Engineering, **USQ, Australia** – 2007
* Bachelors in Electronics and communication engineering, **Anna University, India** – 2005

**Technical Skills:**

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| --- | --- |
| **ETL Tools** | Informatica power center/Exchange7.x/8.x/9.6.1, Informatica data quality IDQ, Informatica Metadata Manager v 10.x.,Informatica cloud |
| **Reporting Tools** | OBIEE, Tableau |
| **Version control** | Microsoft visual studio, Peregrine, Tortoise SVN |
| **Databases** | Oracle 11g/10g, SQL Server 2005/2008 R2, Ansi SQL/ Netezza |
| **Languages** | T-SQL, PL/SQL, basic Unix Shell Script, C#.,perl |
| **DB Tools** | Toad, SQL\* Loader, SQL server management studio |
| **Scheduling Tools** | DAC, Control-M, Autosys |
| **ERP Systems** | SIEBEL, EBASE, PEOPLESOFT |
| **Operating Systems** | Windows 2003/08, UNIX, LINUX - UBUNTU |

**Professional Experience:**

**Southern Glazers wine and spirits, Miami/FL March 2018– Till Date**

**Sr. Informatica ETL Consultant**

**Project: EDW Remediation**

**Description:** Southern Glazers are into whole sale liquor distributors in the United States. This project is to retire old legacy EDW system and migrate data to one source Hadoop system.

**Responsibilities:**

* Analyze existing source feeds to EDW and re write the code to load to one source Hadoop systems.
* Use SSIS packages to load data into Hadoop bus.
* Data analysis and talk to business owners to understand interface data.
* Create Informatica mappings to load data from EDW to sales force interfaces.
* Created shall scripts to split data files based on column values and to update parameter entries.

**Federal Home Loan Bank, Pittsburgh/PA June 2017– Mar 2018**

**Sr. Informatica ETL Developer**

**Project: Flex cube Upgrade**

**Description:** FHLB is one of the mortgage lenders in US which lends banking needs to various local banks. Their main business is secondary mortgage market where they buy loans and securitize them. This project is an upgrade of Oracle Flex cube application, where there is a need of retro fixing Informatica power center mappings.

**Responsibilities:**

* Analyze current Informatica mappings/ Oracle procedures which are getting impacted due to upgrade and retro fix.
* Created new Interfaces to load data into different tables.
* Created Autosys jobs to schedule the workflows.
* Update current views to point to the right database tables after upgrade.
* Downloaded csv files from vendor portal using **RPA** **Automation anywhere** and scheduled **the** bot to run every day**.**
* Started a poc to read pattern based data from pdf files and upload them into relational tables. Using **Automation anywhere**.

**Fannie Mae, Reston/VA Mar 2016– Jun 2107**

**Sr. Informatica ETL Developer/Analyst**

**Project: EDI Party master**

**Description:** Fannie Mae serves the people who house America. We are a leading source of financing for mortgage lenders, providing access to affordable mortgage financing in all markets at all times. Our financing makes sustainable homeownership and workforce rental housing a reality for millions of Americans. I work as an ETL Informatica Developer to load all party related information in to party dimensional modal. The main source for party master is from SIEBEL CRM, Risk net& ABN Files. We load party and its counter party data into party model

**Responsibilities:**

* Analyzed requirements to load Party and its counter party details into party modal and build Hierarchy relationships. For example, **Business unit (BU)** to **Sub Business Unit (SBU)** to **Legal Entities.**
* Created multiple ETL mappings to source data from SIEBEL in to Party modal for various business requirements based on the source data and the warehouse design.
* Worked on creating **MDM** **Landing tables** and loading them using ETL Informatica power center and scheduled them using **Autosys scheduler**.
* Created Custom modal in **Informatica Meta data manager** for data governance and impact analysis.
* Loaded **Business glossary** in Informatica metadata manager tool for business dictionary and created rule based linking between resources for generating data linage.
* Worked on Data profiling and data analysis using Informatica data quality **IDQ** analyst tool to analyze the data patterns.
* Worked as in **sprint** developer and develops the code with in the sprint time and migrate the code to Out of sprint environment for Integration **testing (SIT)**.
* Integrated **Informatica cloud** with **salesforce.com** for pulling responsible party contact information.
* Worked on **Jenkins** for **Continuous integration continuous deployment (CICD)**.
* Scheduled Workflows using **Autosys** by using **JIL** files and scheduled them as per the requirements.
* Created connections in **Informatica cloud** to retrieve data from **salesforce.com** using salesforce API
* **Data profiling** using custom SQL to analyze the **data patterns and redundant data**
* Last but not least, prepared **sprint completion deck** and presented to **Business leads** at the end of every sprint work.
* Worked on **Informatica Metadata manager** for creating Data linage using custom modal and RBL’s.
* Worked on creating **business glossary** using Informatica metadata manager for linking physical objects to business dictonary.

**Environment:** Informatica Power Center 9.x, Informatica Metadata manager 9.x, Oracle, Unix, Autosys, Jenkins, Informatica Analyst, SVN, DB2, Informatica Master data management 9.x, Tibco, BOXI reports, Netezza , Informatica cloud

**Nabors Industries, Houston/TX Apr 2015– Mar 2016**

**Sr. Informatica ETL Developer**

**Project: Hyperion ARM**

**Description:** Nabors integrates drilling capabilities, market intelligence, and rigorous analytics to drive workforce decisions that deliver lasting impact on performance. A balance of employer and employee advocacy makes Nabors unusually effective over time. Organizations of every size choose Nabors for Drilling oil and program execution tailored to enterprise goals and local resources. Nabors is a global Drilling company.

**Responsibilities:**

* Created open interface and EPMA dimension tables based on the source data and the warehouse design. Created various mappings using different transformations like filter, Router, lookups, Sorter, joiner, update strategy, expressions and aggregator transformations.
* Used FDMEE & Hyperion Essbase application for planning and ARM reconciliations.
* Also have good knowledge in Performance Tuning at both Database Level and Informatica.
* Extracted data from multiple operational sources for loading staging area, Data warehouse, Data Marts.
* Worked closely with cross-functional business and stack holders for gathering requirements and converting them in to design documents and ETL code.
* Created **Deployment groups** for package deployment activities.
* Written **SQL queries** for data validation and data promotions.
* Prepared **Unit Test Cases** (UTC), **Design documents**, **Deployment plan**, **Deployment checklist**

**Environment:** Informatica Power Center 9.x, Essbase, Hyperion ARM, Oracle, Unix, visual studio

**PWC, Tampa, FL / New York NY Apr 2013– Feb 2015**

**Sr. Informatica ETL Developer/Lead**

**Project: Analytics Data Factory**

**Description:** PWC is one of the big four Auditing Companies in the market. It is diversified into many sectors such as Auditing, Taxation, Consulting, Advisory, and Forensic services. PWC uses Informatica as the primary ETL tool to load the data into warehouse and Tableau to build the reports on top of Dimension and fact tables. As we work closely with the Advisory teams in building and Implementing the Analytics in the areas of **survey**, **manufacturing**, healthcare**, Insurance** and **finance** domain with respect to their Demographics and some quantitative metrics. The main agenda of the project is to build a warehouse with respect to a particular industry and to analyze its business trends and to load the data using **Informatica 9.6.1**.

**Responsibilities:**

* Worked on gathering **Public/private Data** for Analysis and to build Applications/Interfaces such as **Global Growth Radar**, **Demand Estimator**, **Company Performance**, **Cost Quality** apps using Informatica salesforce.com.
* Data Catalogue Created with respect to the available datasets and understanding of Source Data and Creation of **ETL interface documents**.
* Created **low level design documents**, **review log documents**, **unit test cases, Issue logs, Impact Analysis** and validated the data against the source.
* Integrated **Informatica** **cloud** with **Amazon web services (AWS) Redshift** to load data into.
* **Installed Informatica power Exchange 9.5.1 and successfully upgraded to version 9.6.1**. Activities like creation of **Users** and assigning **privileges for accessing the repository**.
* Data pulled from **AWS redshift** and **amazon S3** for analysis and integration with enterprise data modal using **Informatica cloud** (Iaas).
* Created a solution for automating end to end process by using **RPA Automation anywhere.**
* Downloaded pattern based data from website and uploaded into Oracle Db using **Automation Anywhere.**
* Represented in coe team for using **Automation anywhere.**
* Migrated data from one environment to other environment. This process involved **data conversion, data cleansing**, **and data migration** activities.
* Create connections in Informatica cloud for data pulling into Oracle, SQL server, flat files.
* Created **Indexes** in order to increase performance. Also, implemented **Partition techniques** at Informatica level such as **pass through**, **key range** etc.
* Implemented various Transformations like **Joiner**, **Aggregate**, **Expression**, **Lookup**, **Filter**, **Update Strategy**, **Sorter**, **Xml, stored procedure** and **Router** etc.
* Also have good knowledge in Performance Tuning at both Database Level and Informatica.
* Created **Standardizer, match, key generator, parser** transformation using Informatica data quality tool (IDQ) for Standardizing the data.
* Created the deduplication process to eliminate the duplicate records in Informatica data quality **IDQ.**
* Worked extensively on loading and formatting data by writing SQL scripts. This involves lot of **conversion**, **cleansing**, **dicing**, **slicing** the data using both excel and SQL scripts.
* Worked as offshore Coordinator for frequent interaction with onsite Team for requirement clarifications.
* Created data linage using **Meta data manager** for impact analysis and data governance.
* Created custom resources to load external meta data into Informatica metadata manager repository for end to end application linage.
* **Repository back up** and **object migration/Data Replication** to other environment.
* Prepared **weekly deck**, **time sheets**, and presented **SMR (Senior Management Review)** presentation to the top officials.

**Environment:** Informatica Power Center 9.x, Informatica Metadata manager 9.x, Informatica Data quality 9.x, Oracle, SQL server, xml files, Tableau , Informatica cloud

**Coloplast, Minneapolis, MN Jan 2012 – Feb 2013**

**Sr. Informatica ETL Developer/Lead**

**Project: Coloplast Informatica & Siebel analytics up gradation**

**Description:** Coloplast develops products and services that make life easier for people with very personal and private medical conditions. Working closely with the people who use our products, Coloplast create solutions that are sensitive to their special needs. We call this intimate healthcare. Coloplast business includes ostomy care, urology and continence care, and wound and skin care. This is a Up gradation and data conversion project where we have Migrated our data ware house from **OBIA 7.8.4** to **OBIA 7.9.6.3** and **Informatica 7.x** to **Informatica 9.0.1x**.

**Responsibilities**:

* Developed complex mappings in Informatica to load the data from source tables using different transformations like **Source Qualifier**, **Look up** (connected and unconnected), **Expression**, **Aggregate**, **Update Strategy**, **stored procedure,** **Joiner**, **Xml, Filter**, **Sorter** and **Router**.
* Installation of **Informatica 9.0.1** hotfix 2 environments and 7.8.4 contents back up.
* Sand box environment created for regression/Load testing.
* Informatica 7.8.4 Repository **Backup** and **restore**.
* **Unit test case** creation along with test data creation for testing the code
* **Folder migration** from old repository to upgraded repository.
* **OBIEE** Reports creation and user prompts creation.
* **DAC** Scheduler monitoring.
* End to end ware house upgrade from **Siebel analytics** 7.8.4 to **OBIA** apps 7.9.6.3
* **Work assignment** to the offshore team and regular status monitoring.
* Data migration to upgraded tables from obsolete tables. Using vanilla **UPG Informatica repository**.
* Configuring **Infa\_sequence\_generator.bat** file during data migration
* Unit test case preparation and **data validation**.
* **Retro fixing** Informatica mappings in order to replace obsolete tables
* Data ware house full load using **DAC** scheduler, load monitoring and fixing issues if any.
* **SCD type mappings** creation using different transformations.
* Worked on **Data Masking** from hiding the original data by encrypting, using alias names at the object level.
* Data analysis from **SIEBEL source** to ware house to BI front end.
* Unit testing, surface testing, **integration** testing and **sandbox testing**.
* **Dry run activities** before go live and support activities.
* Developed **Mapplets** to implement business rules that involved complex logic.
* Tuned the mappings and sessions for better performance by eliminating various **performance bottlenecks**.

**Environment:** Informatica Power Center 9.0.1, SQL, PL/SQL, Toad, MS SQL 2008, DAC 10.1.3.4.1, OBIA apps 7.9.6.3

**ON Semiconductors, Phoenix, AZ May 2011 to Dec 2011**

**Sr. ETL Informatica Developer**

**Project: ONSEMI DataMart**

**Description:** Client is a preferred supplier of efficient semiconductor technologies to customers in the computing, communications, consumer, automotive, medical, industrial, and military/aerospace markets. The company’s broad portfolio includes power management, signal, logic, discrete, and custom devices. In this project we have created three executive dash boards for their revenue. We have used **Informatica** as ETL tool for extraction and loading the data from **Db2/Oracle** to Oracle Warehouse, and **OBIA**/**OBIEE** at the reporting side. Approximately around three schemas have been created, with 3 facts and 20 dimension tables

**Responsibilities**:

* Created **Staging**, **Dimension’s & Fact** tables based on the source data and the warehouse design.
* Worked with the Informatica Designer and created various mappings using different transformations like **filter**, **Router**, **lookups**, **Sorter**, **joiner**, **update strategy**, **expressions** and **aggregator** transformations.
* Participated in build of the Data Warehouse, which includes the Design of Data mart using **Star schema.**
* Created **repository** using Informatica Power Center – **Repository Manager**.
* Extracted data form **DB2tables**/ **Oracle tables** and applied business logic to load them in the central oracle database.
* Created and ran **sessions**/**workflows** using Workflow Manager to load the data into the Target Database.
* **Optimized**/**Tuned** mappings for better performance, example - the SQL override in source qualifier, lookup overrides in lookups, and other fixes based on the **bottlenecks** identified.
* Created reusable transformations and **Mapplets** and used them in mappings.
* Extensively used Shell scripts to automate the Pre-session and Post-sessions processes.
* Performed **data manipulation** using basic functions and Informatica transformations.
* Used session **partitions**, **dynamic cache memory** and **index caches** for improving performance of Informatica services/ server.
* 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**
* Created Tpump, fast export and Mload loaders for loading the data into TERADATA tables.
* Worked with Memory cache for **static** and **dynamic cache** for the better throughput of sessions containing rank, lookup, joiner and aggregator transformations
* Created various tasks like **Event wait**, **Event Raise**, **E-mail** and **command** etc.
* Troubleshoot problems by checking Sessions and Error Logs. Also used **Debugger** for complex problem troubleshooting.

**Environment:** Informatica 8.6, UNIX, CSV Files, DB2, SQL, PL/SQL, Unix Shell scripting, Oracle 11g, Toad, Teradata.

**EMC, USA Oct 2010 to May 2011**

**Sr. Informatica ETL Developer/Support**

**Project: EMC EDW**

**Description:** EMC Corporation is a manufacturer of high-end storage hardware and software and is headquartered in Boston. EMC produces a range of enterprise storage products, including hardware disk arrays and storage management software. EMC Corporation is one of the world's leading software companies. In this project we maintain customer related data, service data and Install base data. We use Different technologies for different applications. Informatica and Kalido as ETL tools and Hyperion for reporting purpose, the project architecture includes all these three tools at different places. Our batch runs four times a week which takes about 40 hr.’s to complete.

**Responsibilities:**

* Created different types of **Transformations**, **mapplets**, for different business logics.
* Migrating into Production systems. **Batch Monitoring** and Production issue resolutions.
* **Hyperion report** to Informatica mapping conversion work request and development.
* Resolving data issues and sending mails to DBA teams to data base change request.
* Created different transformations for loading the data into Oracle database e.g. **Source Qualifier**, **Joiner transformation**, **Update Strategy**, **Lookup transformation**, **Rank Transformations**, **Expressions**, **Aggregator**, and **Sequence Generator**.
* Informatica mappings enhancements, monitoring log information in batch run times.
* **Breaks fix** works for already implemented Mappings.
* **Kalido** BEID error resolution and Hyperion out of memory Issue aspects.
* Informatica mapping design for loading the data into extract schema from source schema.
* **Performance tuning** on Informatica maps.
* **Production based ticket management** and follow up’s using **peregrine** tool

**Environment:** Informatica 8.6, PL/SQL Oracle 11g, Toad, Hyperion, Peregrine, Teradata, Control - M

**Bayer, Germany. April 2008– Oct 2010**

**Informatica/ETL Developer**

**Project: ESM DataMart**

**Description:** Bayer is a highly diversified Health care company that discovers, develops, manufactures and markets products and services that span the continuum of care from prevention and diagnosis to treatment and cure. Bayer’s products fall under four principal business arenas like **Pharmaceutical Products**, **Hospital Product**, **Diagnostic Product** and **Nutritional Product**. There are several divisions such as, General, Finance and Government system, Pharmaceutical Products, Business Intelligence and Data warehousing. I worked Under the Business Intelligence and Data warehousing division. The main aim of the projectis to load the business related data into the required data marts as per the business logics.

**Responsibilities :**

* Preparation of the mapping document like **Design/UTC/Impact/Issue log**.
* Worked on Importing **DB2** tables into Informatica ETL power center.
* Preparation of **Mappings** and Mapping review.
* Creating Different types of **transformations** and applying different business logics to load data into warehouse.
* Extensively used **Source Qualifier**, **Joiner transformation**, **Update Strategy**, **Lookup transformation**, **Expressions**, **Aggregator**, **Xml** and **Sequence Generator**
* Creating **Sessions** and **workflows**.
* Worked on Production issues, **Database change request**
* Sending communication emails to production coordinator and team with data load status
* Communication with **Control-M team** for any job failures
* Resolution of Production issues which may include development activities in Informatica.
* Identifying redundancy and taking steps to control it.

**Environment:** Informatica 8.x, PL/SQL Oracle 9i, DB2, Toad, UNIX, csv files, java, pl/sql, T-SQl

**Awards & Certifications:**

* Achieved **Instant reorganization** award for quick problem resolution in PWC.
* Achieved **Best Team Performance** Award and Zero defect upgrade In Coloplast.
* **Oracle Certified associate** (OCA) – Issued by Oracle corporation
* **Informatica Certified Professional** 9.x –Issued by Informatica corporation.
* working experience in **Informatica Data Quality (IDQ)** Analyst.
* Knowledge in **Tableau** – Attended Internal training’s on Tableau