**Siva Prasad Yerneni**

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**SUMMARY:**

* **7 years** of IT experience in Informatica Data Analysis, Data base Programming, Design and Development for various software Applications in client-server environment in providing Business Intelligence Solutions in Data Warehousing for Decision Support Systems.
* Extensive experience in Informatica Power center 9.x, 8.x, 7.x
* Expert knowledge in creating Test Plans, Test Cases, Test Scenarios and Test Strategies, Defect Management to ensure Quality Assurance and to test all the business requirements.
* Developed Test Plans, test scripts and executed the test scripts for EDW Project.
* Thorough out the project in various iterations/Sprints – conducted system testing, integration testing, functional testing and integration testing.
* Extensively worked on Power Center client (Repository, Designer, workflow manager and workflow Monitor) to extract, transform and load data.
* Designed mappings using Informatica Union, Lookup (Connected, Unconnected, Persistence, Dynamic and Static), Unstructured Data Object (B2B), Update strategy, expression, Transaction Control to create dynamic file names, Aggregator, Joiner, Expression, Router, XML, and Normalizer Transformations.
* Expertise in Master Data Management concepts, Methodologies and ability to apply this knowledge in building MDM solutions.
* Planned, created and executed SSIS packages to integrate data from varied sources like Oracle, DB2, flat files and SQL databases and loaded into landing tables of Informatica MDM Hub.
* Developed and tested complex mappings for Slowly Changing Dimensions Type I, II (Flag and time stamp) and Change Data Capture based on requirements using Power Exchange 8x/9.01 HF3.
* Good understanding in entity relationship and Data Models.
* Expertise in design and configuration of landing tables, staging tables, base objects, hierarchies, foreign-key relationships, lookups, query groups, queries/custom queries and packages
* Expertise in creating Mappings, Trust and Validation rules, Match Path, Match Column, Match rules, Merge properties and Batch Group creation.
* Knowledge on implementing hierarchies, relationships types, packages and profiles for hierarchy management in MDM Hub implementation.
* Strong skills in data analysis, data requirement analysis and data mapping for ETL processes.
* Developed ETL test scripts based on technical specifications/Data design documents and Source to Target mappings.
* Good experience with Unix/Linux environments and writing UNIX shell scripts.
* Good experience in performance tuning of large warehouse jobs (Database level fine tuning, Sql optimization, Workflow/session/mapping optimizations).
* Experience in preparing test reports from Quality Center and prepared daily test status reports to communicate the test status with the team.
* Experience in mentoring and providing knowledge transfer to team members, support teams and customers.
* Reliable, proactive, responsible, hardworking and good team player.

**TECHNICAL SKILLS:**

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| Data Warehousing | ETL, Informatica Power Center9.5**/**9.0**/**8.6/7.x/6.x and Informatica Server, Power Exchange 8.0, MDM Multi domain Power Mart4.7.2/5.1 and Power Connect. |
| Data Modeling | ERWIN 7/4.0/3.0, MS VISIO 2000. |
| Databases | Teradata V2R12/V2R6/V2R5, Oracle 11g/10g/9i, MS SQL server 2000/2005/2008, DB2 UDB 8.1, MS Access |
| Programming | SQL, PL/SQL, Unix & Shell Scripting, SQL Tuning/Optimization , C, C++ |
| Tools | TOAD, SSIS/DTS, SQL \*Plus, SQL\* LOADER, Clear View , Excel, Word, Power Point, Autosys, Control-M, IBM Tivoli Workload, HPQC, JIRA |
| Operating System | Linux, MS-DOS, Windows 7/95/98/NT/2000/2003/XP/Vista/Server. |

**EDUCATION:**

* Bachelors in Engineering from Anna University, India.

**PROFESSIONAL EXPERIENCE**:

**Parexel, Billerica, MA Sep 2014 –Till Date**

**Informatica Developer**

**Description:** For over 30 years, PAREXEL has proven to be a trusted partner for the complex development journey required of biopharmaceutical and medical device companies. They’re also an astute guide, able to simplify that journey for our clients, so safe new products can reach patients more quickly. I Was working on a project SIMS (Site Intelligence Management System) where they use to develop an application which tracks the patients records of hospital visits were maintained to analyze the various drug Tests reports.

**Responsibilities:**

* Involved in Requirement Gathering, Design & Development, Testing and Documentation.
* Worked with Business Analyst and Architect to analyze data and document Functional aspects.
* Participated in scrum meetings to discuss the status of the everyday development.
* Designed and created Mappings, Sessions and Workflows using Informatica Power Center Tools to load the data from Sources such as DB2/400, Oracle, XML, EDI and Flat Files into various targets.
* Developer the ETL processes to handle complex business logic for high volume data loads using various transformations such as Aggregator, Sorter, Filter, Normalizer, SQL Transformation, Lookup, Joiner, Router, Union etc.
* Processes to generate Daily, Weekly and Monthly data extracts were developed and the data files were sent across to the downstream applications.
* Thorough out the project in various iterations/Sprints – conducted system testing, integration testing, functional testing and integration testing.
* Defined and used Mapping Parameters and Parameter files to provide values dynamically at session run time.
* Wrote complex SQL, PL/SQL Testing scripts for Backend Testing of the data warehouse application.
* Created sessions to use pre & post session SQL commands to drop & create indexes on tables for better performance.
* Prepared test reports from Quality Center and prepared daily test status reports to communicate the test status with the team.
* Write PL/SQL procedures which are called from Stored Procedure transformation to perform database actions such as truncate the target before load, delete records based on a condition, rename the tables etc.
* Used Oracle SQL Loader utility to Bulk Load data from flat files into database tables.
* Created & modified Unix Shell scripts.
* Created data loads for QA testing and worked on resolving the defects.
* Participated in regular project status meetings and QA status meetings.
* Created Technical Design documents, Test Cases documents and Application work books.
* Prepared daily status reports with details of executed, passed, and failed test cases and defect status.
* Tested a number of complex ETL mappings, mapplets and reusable transformations for daily data loads.
* Worked on issues with migration of Data from development to QA-Test Environment.

**Environment:** Informatica Power Center 9.5.1/9.0.1, SQL Server 2008 express, Oracle SQL Developer, Flat files, XML Files, MS Visio, Toad 7.0, Windows 2000, Putty, Power Exchange 9.0.1., 9.5.1

**Hyundai capital, Fountain Valley, CA Nov 2013- Aug 2014Informatica Developer**

**Description:** Hyundai Capital Services (Hyundai Capital) is a South Korean consumer finance company providing a range of auto financing, auto leasing, personal loan and home mortgage products. It was established in 1993. The company is a joint venture between Hyundai Motor Company and GE Capital. Hyundai Capital is one of the largest providers of auto financing in Korea, and it also plays a major role in the auto lease market around the world. Hyundai Capital America (HCA) is the sole U.S. financing arm for Hyundai Motor America and Kia Motors America. Hyundai Capital America (HCA) continues to experience financial and operational success, growing from a $12.5 billion company to an $18 billion company solely in 2012. The developed software is used for reporting, business analysis, and decision making.

**Responsibilities:**

* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica power center and QA Testing as per the Business Requirements.
* Designed and developed several ETL Mappings using Informatica, UNIX shell scripts.
* Analyzed the source data coming from Oracle, Flat Files, and MS Excel coordinated with data warehouse team in developing Dimensional Model.
* Created Test Plans, Test Cases, Test Scenarios and Test Strategies, Defect Management to ensure Quality Assurance and to test all the business requirements.
* Created ftp connections, database connections (ODBC) for the sources and targets.
* Implemented various workflows using transformations such as JAVA transformation, XML transformation, Normalizer, look up, aggregator, stored procedure and scheduled jobs for different sessions.
* Implemented Slowly Changing dimension methodology for accessing the full history of accounts and transaction information.
* Scheduled Sessions and Batches on the Informatica Server using Informatica Workflow Manager.
* Prepared the Test Plan and Testing Strategies for Data Warehousing Application.
* Developed ETL test scripts based on technical specifications/Data design documents and Source to Target mappings.
* Worked on MDM Configuration of Landing, Staging and Loading processes, Trust and Validation rules, Match and Merge process.
* Analyzed the source system for integrity issues to the data resided in various source systems and defined the same in Systems and Trust.
* Involved in implementing the Land Process of loading the customer/product Data Set into Informatica MDM from various source systems.
* Planned, created and executed SSIS packages to integrate data from varied sources like Oracle, DB2, flat files and SQL databases and loaded into landing tables of Informatica MDM Hub.
* Extensively worked with flat files and excel sheet data sources. Wrote scripts to test the flat files data in the databases,
* Worked on data cleansing and standardization using the cleanse functions in Informatica MDM.
* Effectively communicate testing activities and findings in oral and written formats.
* Worked with ETL groups and Acquisition team and business analyst for understating EDW Design.
* Performed match/merge and ran match rules to check the effectiveness of MDM process on data.
* Developed Procedures and Functions in PL/SQL for Data ETL.
* Involved in Unit, System, Performance, Concurrent and QA testing.
* Configured match rule set property by enabling search by rules in MDM according to Business Rules.
* Worked on issues with migration of Data from development to QA-Test Environment.
* Extensively tested several Business Objects Reports – Crystal’s reports and Dashboards to validate the reports the data and cosmetics of the report.

**Environment:** Informatica PowerCenter 9.1, MDM Hub,  Oracle 10g/11g, SQL developer, Flatfiles, TOAD, HPQC, PL/SQL, MS SQL Server, Crystal Reports, Autosys, UNIX.

**Client: Ameriprise Financial Services, Minneapolis, MN Jan 2012 – Oct 2013**

**Role: Informatica Developer**

**Description:** Ameriprise Financial, Inc. is a diversified US financial services company. Ameriprise Financial engages in business through its subsidiaries, providing financial planning, products and services, including [wealth management](http://en.wikipedia.org/wiki/Wealth_management), [asset management](http://en.wikipedia.org/wiki/Asset_management), [insurance](http://en.wikipedia.org/wiki/Insurance), [annuities](http://en.wikipedia.org/wiki/Annuity_(US_financial_products)) and [estate planning](http://en.wikipedia.org/wiki/Estate_planning).Ameriprise Financial is in [wealth management](http://en.wikipedia.org/wiki/Wealth_management) and retirement planning in the U.S. and also works as an asset manager with global business.Project mainly deals with enhancements in the existing code as per the business requirements in financial asset management.

**Responsibilities:**

* Participated in the Design Team and user requirement gathering meetings.
* Performed business analysis and requirements per high end users and managers and performed requirement gathering.
* Extensively used Informatica Designer to create and manipulate source and target definitions, mappings, mapplets, transformations, re-usable transformations.
* Created different source definitions to extract data from flat files and relational tables for Informatica Power Centre.
* Used Star Schema approach for designing of database for the data warehouse
* Developed a standard ETL framework to enable the reusability of similar logic across the board.
* Created different target definitions using warehouse designer of Informatica Power Center.
* Performed Regression testing of the fixed issues in the new build until no new issues are identified.
* Created different transformations such as Joiner Transformations, Look-up Transformations, Rank Transformations, Expressions, Aggregators and Sequence Generator.
* Created stored procedures, packages, triggers, tables, views, synonyms, and test data in Oracle.
* Extracted source data from Oracle, Flat files, XML files using Informatica, and loaded into target Database.
* Created medium to complex PL/SQL stored procedure for Integration with Informatica using Oracle 10g.
* Developed complex mapping also involving SCD Type-I, Type-II,Type-III mapping in Informatica to load the data from various sources
* Extensively transformed the existing PL/SQL scripts into stored procedures to be used by Performed Functional Testing, Smoke Testing, Integration Testing, System testing, User acceptance testing and Regression Testing.
* Setup Test environment and Test data.
* Experience in creating UNIX scripts for file transfer and file manipulation
* Extensively used T-SQL to verify and validate the data loaded to the SQL Server.
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing Involved in extensive DATA validation using SQL queries and back-end testing.

**Environment:** Informatica Power Center 9.1, Oracle 11g/10g, MS SQL Server, TWS, UNIX

**Tufts HealthPlan, Watertown, MA                          Oct 2010 – Nov 2011**

**ETL Developer**

**Description:** Tufts Health Plan (THP) is a not-for-profit health maintenance organization committed to providing a comprehensive array of services to meet the needs of communities. Enterprise Data warehouse is ETL Architect / design group, which is responsible for catering to the needs of all ETL requirements. The Pharmacy Informatica Rewrite Project primarily involved enhancements and creation of already existing PL/SQL code logic into Informatica.

**Responsibilities:**

* Involved in identifying dimensions and facts to create enterprise data warehouse and model. Worked in a team for supporting and introducing Informatica into SDLC project development environment at Tufts.
* Converted the already existing PL/SQL extracts and procedures to Informatica. Built new logic and designs in mapping to help work the existing PL/SQL logic and rebuilt the entire process model in Informatica.
* Planned, created and executed SSIS packages to integrate data from varied sources like Oracle, DB2, flat files and SQL databases and loaded into landing tables of Informatica MDM Hub.
* Performed land process to load data into landing tables of MDM Hub using external batch processing for initial data load in hub store.
* Successfully managed in setting up the data and configured the components needed by Hierarchy Manager for MDM Hub implementation which included in implementing hierarchies, relationships types, packages and profiles by using hierarchies’ tool in model workbench.
* Involved with Informatica team members in Designing, document and configure the Informatica MDM Hub to support loading, cleansing, matching, merging, and publication of MDM data.
* Involved with Data Steward Team for designing, documenting and configuring Informatica Data Director for supporting management of MDM data.
* Used procedures and triggers to catch and handle exceptions at database level.
* Extracted and loaded data from flat files and Oracle sources to Oracle database using Informatica mappings.
* Created mappings using various transformations like update strategy, lookup, stored procedure, router, filter, JAVA, SQL, sequence generator, joiner, aggregate, and expression transformations in extracting data in compliance with the business logic developed.
* Involved in designing and Preparing Test Scenarios, Test Plans, Test Cases and Test Data.
* Worked with IT Development team to ensure feasibility of design and clarify user requirements.
* Developed SQL Queries/Scripts and similar Artifacts to validate the Completeness, Integrity and Accuracy of Data within an ETL process testing cycle.
* Performed Data Analysis and developed Data Mapping documents for ETL (SSIS) projects.
* Developed Test Cases and SQL Queries to perform various Validations.
* Performed Count Validation, Source Isolation, Dimensional Analysis, Statistical Analysis and Data Quality Validation in Data Migration.
* Helped and guided other team members at THP through the entire development process.

**Environment:** Informatica Power center 8.1.2, MDM Hub, Oracle 10g, PL/SQL, TOAD, WINCVS, UNIX, Linux Box, Tidal Scheduling tool

**State Street Corporation, Los Angeles, CA**               **Nov 2009 – Sep 2010**

**ETL Developer**

**Description:**State Street Corporation is the world's leading provider of financial services to institutional investors. It provides core investment custody, fund or investment/securities accounting, fund administration, securities finance and transfer agent services to institutional clients. Its broad and integrated range of services spans the entire investment spectrum, including research, investment management, trading services and investment servicing. State Street also provides "middle office" services such as trading operations and a California affiliate provides reconciliation services to investment banks with the help of Syntel. State Street Syntel Sourcing Private Limited (SSSPL) is a joint venture entity that executes reconciliation for investment banks worldwide.

**Responsibilities:**

* Involved with requirement gathering and analysis for the data marts focusing on data analysis, data quality, data mapping between ODS, staging tables and data warehouses/data marts.
* Designed and developed processes to support data quality issues and detection and resolutions of error conditions.
* Working with the Business Analysts and the QA team for validation and verification of the development.
* Analyzed the session logs, bad files and error tables for troubleshooting mappings and sessions.
* Implemented various scenarios related to slowly growing targets and slowly changing dimensions(Type1, Type2, Type3)
* Implemented various business rules of data transformations using various Informatica transformations like Normalizer, Source Qualifier, Update Strategy, Look up(connected/unconnected/static cached/dynamic cached), Sequence Generator, expression, Aggregator, XML(source and generator), Stored Procedures.
* Worked with newer Informatica transformations like Java transformation, Transaction Control.
* Used Teradata as a Source and a Target for few mappings. Worked with Teradata loaders within Workflow manager to configure Fast Load and Multi Load sessions.
* Provided administrative functions like creating repositories, backing up repositories, setting up users, assigning permissions and setting up folders in Repository manager.
* Worked on Oracle Warehouse Builder for already existing workflows to get the final source files for use.
* Involved in user training sessions and assisting in UAT (User Acceptance Testing).
* Wrote data conversion and data migration scripts for ETL process
* Created ETL execution scripts for automating jobs.
* Involved in extensive DATA validation using SQL queries and back-end testing.

**Environment:**Informatica Power Center 8.1.2, Autosys, Oracle 9i, Erwin 4.5, CMS, MS PowerPoint, MS Visio, TOAD, PL/SQL, UNIX,SQL Loader\*,SQL server 2005.

**ICICI BANK, India Oct 2007 – Oct 2009**

**Database Programmer**

**Responsibilities:**

* Created database objects including tables, indexes, roles, clusters, sequence and privileges.
* Involved in documenting the modifications and intended functionalities of the interface.
* Calculated and monitored size and space for tables, clusters and indexes.
* Created and maintained triggers, packages, functions and procedures.
* Helped in creating technical specifications by mapping the interface tables with the base   tables.
* Documented and maintained RTM to ensure that all requirements are traceable from top to bottom and to provide a basis for test plan.
* Helped Project Lead to develop various reports as needed by management.

**Environment**:PL/SQL, Microsoft SQL Server, DB2, MS Excel