**Prashanth Pothula**

**Sr. ETL Informatica Consultant**

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# SUMMARY:

* Over **8+** years of total IT experience and **Technical proficiency** in the **Data Warehousing** teamed with **Data Analysis, Data Modeling, Business Requirements Analysis, Application Design, Development & Testing**, **Data profiling, data standardization & Quality Control** and full life cycle Implementation of **Data Warehouse**.
* Proficiency in **interviewing stakeholders, requirements analysis and realization** using Use Cases, deriving testable functional / non-functional system requirements, providing strategic and tactical inputs and coordinating with business functions and technical project teams from conception through deployment.
* Involved in **Requirement gathering, Data Analysis, Application Design, Data Modelling, Application Development, Implementations** and **Data Quality** in different Data warehouse Projects.
* Experience in designing complex **ETL/ELT** solutions for Data Warehouse Programs.
* Experience in both **integration** and **reporting** areas of Data Warehouse using **Informatica, Cognos, Business Objects, Teradata and Oracle.**
* Erudite in Preparing word documentation and Visio diagrams to depict business processes better.
* Strong Data Warehousing experience in Application development & Quality Assurance testing using Informatica Power Center 10.2/9.6/9.1/8.6/7.1 **Source Analyzer**, **Data Warehousing Designer, Mapping Designer, Mapplet Designer, Transformation developer),** Informatica Power Mart, Power Connect 6.2, Power Exchange, OLAP, OLTP.
* Experience with Informatic **Data Quality for Data Validation.**
* Experience working with multiple Data Sources including **Legacy Data, SAP and Third-Party Data Providers.**
* Data integration with SFDC and Microsoft Dynamics CRM using Informatica cloud.
* Hands-on experience with programming on high-performance / distributed computing systems.
* Experience in developing and implementing **Statistical analysis OR Dimension Modelling.**
* Experience in **Data Analytics / DW / BI.**
* Experience Data migration from existing data stores and Developing capacity plans for new and existing systems.
* Extensive Experience in developing and **performance tuning** of Informatica mappings.
* Erudite in Using **Pushdown Optimization** feature of Informatica.
* Experience in Configuration and working on developing maps using Power exchange for **SAP& DB2**.
* Extensive knowledge with Teradata SQL Assistant,PUMP, Fast Export, Fast Load, Multiload, BTEQ, Coded complex scripts for the Teradata Utilities and finely tuned the queries to enhance performance.
* Worked extensively on **performance tuning of ETL maps and considerably decreased the ETL load timings**
* Involved in the designing and Building of Business Objects Universes from different data sources like Oracle/SQL Server.
* Hands on experience of using **MS Office Suite, MS Project, MS Visio**, Rational tools, Erwin.
* Experience in coordinating with the configuration and change management groups for **Clear Case Version Control** and **Build Making Process**.
* Excellent analytical, problem solving skills and a motivated team player with good communication and inter-personal skills.
* Extensively worked with various systems like **Oracle, Teradata, MS Access, Flat files, XML and Mainframe, SAP BW, SQL Server.**
* **Sound understanding of the value and meaning** of information, data quality and metadata
* Ability in Strong presentation, verbal and written communication skills.
* I have a strong knowledge and experience in various sectors like **banking, finance, health care, pharmacies,** supermarkets and network communications.

**TECHNICAL SKILLS:**

**ETL Tools:** Informatica 10.x/9.x/8.x/7.x/6.x/5.x PowerCenter / Cloud / Power Connect, Workflow Manager, Workflow Monitor, Designer, Server Manager, Repository Manager, Informatica Data Quality 9.6.1 (IDQ), MDM Informatica.

**OLAP Tools:** BusinessObjects XIR2/6.x/5i, Designer, Crystal Reports, Web intelligent, Supervisor, SAP R/3, Oracle Discoverer Administrator/Desktop.

**Databases:** Oracle 10g/9i/8i/7.3, MS-SQL Server 2000/7.0, DB2, Teradata, MS Access 97/2000, MPP, No-SQL or Graph DB.

**Operating Systems:** Windows NT 4.0/2000/XP/98/95, UNIX, OS/390, AS/400.

**Languages:** C, C++, UNIX Shell Scripts, J2EE, SQL, Transact-SQL, PL/SQL, COBOL, and Visual Basic 6.0/. Net, XML, Java Script and VB Script

**Methodology:** Ralph Kimball, Inmon

**Web Tech:** HTML/DHTML, JavaScript, JMS

**GUI and Other:** Oracle Designer, Reports, PLSQL, TOAD 8.x/7.x/6.x, SQL Loader, Erwin, Crystal Reports, PVCS VM and PVCS Tracker, CONNX

### EXPERIENCE

**Hewlett Packard, AR Oct’14 – Till Date**

**Sr. Informatica Developer**

**Projects:**

**CSP Servicing (Common Securitization Platform) (Oct’14 to June’16)**

**CSP Servicing - Enhancement (Jan’17- Till Date)**

The goal of the project is to provide an enhanced data load process and reporting capabilities for the selected Business Users for the Provider Data group repository. The components within Informatica PowerCenter aid in extracting data from its source, transforming it as per business requirements and loading it into a target data warehouse.

**SPP (Score Card) (June’16 to Jan’17)**

Redesign in the existing schema for the new business requirement. Worked with the end business users, analysts, SMEs, DBAs to correctly understand the requirements to deliver appropriate results.

**Responsibilities:**

* Extensively worked with PowerCenter 9.6.1 and 10.2 Source Qualifier Transformation to join the homogeneous sources.
* Experienced with Informatica Power Exchange 9.6 for Loading/Retrieving data from mainframe systems.
* Extensively worked with Joiner Transformation to join the heterogeneous sources.
* Worked with various Databases for extracting the files and loading them into different databases.
* Experience on Teradata database, analysing business needs of clients, developing effective and efficient solutions and ensuring client deliverables with in committed timelines.
* Proficient in coding of optimized Teradata batch processing scripts for data transformation, aggregation.
* Extracted the raw data from Microsoft Dynamics CRM to staging tables using Informatica Cloud.
* Designing the ETLs on PowerCenter and conducting review meets.
* Loaded the data into the XML and Flat files.
* Used GITEye to baseline code/files for deploying in higher environments.
* Have good skills on Informatica Data Quality transformations like Address validator, Parser, Match, Exception, Association, Standardizer and other significant transformations.
* Extensively used Normal Join, Full Outer Join, Detail Outer Join, and master Outer Join in the Joiner Transformation.
* Extensively worked with Incremental Loading using Parameter Files, Mapping Variables, and Mapping Parameters.
* Modified Unix Shell Scripts for executing the Informatica workflows.
* Extensively worked on Informatica Designer Components Source Analyzer, Target Designer, Transformation Developer, Mapping Designer and Mapplet Designer.
* Developed various mappings to load data from various sources using different Transformations including Router, Aggregator, Joiner, Lookup, Update Strategy, Stored Procedure, Sorter, Filter, Source Qualifier, Expression, Union and Sequence Generator to store the data in target tables.
* Developed mapping based on the mapping specification document that indicates the source tables, columns, data types, transformation required, business rules, target tables, target columns and data types.
* Developed Cloud mappings to extract the data for different regions (APAC, UK and America).
* Involved in Unit Testing, Integration Testing and End-End Testing.
* Provided support to SIT and UAT users and testers.

**Environment:** Informatica PowerCenter 9.6.1 and 10.2, Power Exchange 9.6, Informatica cloud, Rapid SQL 8.7.5, DB2, Teradata database, Unix, Winscp, Putty, Control M and Autosys scheduling tool.

**Petco, San Diego, CA May’13 – Aug’14**

**Sr. Informatica Developer/Analyst**

**Project**: TITAN / SERA SBP

**Responsibilities:**

The TITAN program at a high level consists of the addition of Standard Business Products, Dealer Operation, Transportation WC, and Servicing Carrier Business. The objective of this project is to build a new Policy database to replace the legacy system which is used by downstream applications.

* Developed and supported the Extraction, Transformation, and load process (ETL) for data migration using Informatica power centre.
* Responsible for Requirement Gathering Analysis and End User Meetings.
* Responsible for converting Functional Requirements into Technical Specifications.
* Extracted data from various heterogeneous sources like Oracle, SQL Server, DB2, Sybase, MS Access and Flat Files.
* Expert in middleware integration components preferably in iPaaS platforms like such as Informatica Cloud Real Time(ICRT), Informatica Cloud.
* Worked on the Informatica Analyst tool for profiling the data and perform validations.
* Developed Re-Usable Transformations and Re-Usable Mapplets.
* Used various transformations like Lookup, Filter, Normalizer, Joiner, Aggregator, Expression, Router, Update strategy, Sequence generator and XML Generator Transformations in the mappings.
* Developed mappings for Slowly Changing Dimensions of Type1**,** Type2, Facts and Summary tables using all kinds of transformations.
* Creating bootstrap scripts to use with AWS Cloud formation to automate the deployment.
* Implemented NRT data processing solutions using Power Exchange CDC on Oracle DB, and performed POC on processing the JMS queues to process the data as in when occurred.
* Extensively worked on UNIX Shell scripting.
* Used XML spy tool to validate the input source XML files.
* Worked on XML Parser transformation to read the XSD file and build the source definition and accordingly to read the XML source file.
* Conceptualized and developed initial and incremental data loads in Informatica using Update strategy transformation.
* Developed Mappings for Type 1 and Type 2 Slowly Changing Dimensions.
* Responsible for Performance Tuning at the Source, Target, Mapping and Session Level.
* Created Pre and Post Session Scripts for checking file existence.
* Responsible for Unit testing and Integration testing of mappings and workflows.
* Documented existing mappings as per standards and developed template for mapping specification document.
* Provided excellent customer service to the internal functional team by pro-actively following up with the issues on hand (through detailed emails and by setting up short meetings).
* Bugs found during testing were analysed (root cause analysis) beyond their obvious reason to extrapolate various errors that can occur in future.

**Environment**: Informatica Power Center 9.5.1, SQL Server 2012/2008, T-SQL, Oracle 11g Exadata,

SQL Server management studio, DB2, AWS, Stored Procedures, XML, XML spy, Power Exchange, Shell Scripts, UNIX, TFS, Quality Center, HP Service Manager, ER Studio, Control M and Autosys scheduling tool.

**Yum brands, TX July’12 – March’13**

**Sr. Informatica Developer**

**Client:** Nationwide, based in Columbus, Ohio, is one of the largest and strongest diversified insurance and financial services organizations in the U.S. and is rated A+ by A.M. Best.   
The company provides a full range of personalized insurance and financial services, including auto insurance, motorcycle, boat, homeowners, life insurance, farm, commercial insurance, administrative services, annuities, mortgages, mutual funds, pensions, long-term savings plans and health and productivity services.

**Projects:**

**Data Migration**: As part of the Nationwide Insurance Modernization program data from the Legacy System is migrated into the new system Policy Center.This project primarily concentrates on the   
Migration of the data from Legacy systems (NAPS) to Policy Center. Informatica is used as a Migration tool to extract data from the files provided from the Legacy system and loading the data into the Source Staging (SS) and Target Staging (SS) Tables. The Target Staging data is transformed into an XML file and pushed to the Policy Center.

**Data Integration:** As part of the Nationwide Insurance Modernization program data from the transactional systems is updated and is processed in batches. The information received from the transactional systems needs to be in integrated with multiple  
inbound and outbound interfaces. The data received is staged and multiple formats of the same data (each interface different format) is sent. Informatica is used as an interaction tool.

**Responsibilities:**  
• As a **ETL developer provided suggestions and improvements to adhere to the standards**.   
• Prepared the **Code Review Checklist, Standards document and Reusable components** to be used across multiple projects.  
• Actively involved in creating design specifications and **ETL design documents**  
• Created Informatica Mappings to load data and used transformations like **Stored procedure transformation, Connected and Unconnected lookups, Source Qualifier, Expression, Sorter, Aggregator, Joiner, Filters, Sequence, Router and Update Strategy and XML transformation**  
• Cleansed the source data, extracted and transformed data with business rules, and built reusable mappings, known as ‘Mapplets’ using Informatica Designer  
• Extensively worked on **UNIX** Shell scripting and BTEQs to extract the data from the warehouse  
• Involved in **Performance Tuning (Both Database and Informatica)** and there by decreased the load time.  
• Used **Push Down Optimization** and **Partitioning** to improve the performance on Informatica   
• Involved in Design review, code review, Performance analysis.

**Environment:** Informatica Power Center 9.1, Informatica Power Connect, Oracle 11g, SQL server 2010, PL/SQL Procedures, TOAD, Autosys Scheduler, s Mainframes, UNIX, PUTTY, VSE Connector.

**Fidelity Investment, NH April’11 – June’12**

**Informatica Developer**

**Project: Working on BI implementations Marketing Analytics & Segmentation DataMart**

This project included designing and implementing a data repository for actual, schedule and time-code data from the three divisions (Northeast, West and Central) and processing the data to provide a unified view to SAP for the UAP calculation

#### Responsibilities

* Responsible for ETL design & implementation to source **CRM data from Siebel to Business Warehouse.**
* Involved in requirement analysis, ETL design and development for extracting data from the source systems like **Oracle, flat files, XML files** and loading into data mart using VSE Connector.
* Worked with analysts and data source systems experts to map requirements to ETL code.
* Worked on developing **UNIX and Perl Scripts for file parsing and job automations**.
* Developed complex mapping logic using various transformations like **Expression, Lookups** (Connected and Unconnected), **Joiner, Filter, Sorter, Router, Update strategy and Sequence generator.**
* Converted functional specifications into technical specifications (design of mapping documents).
* Used **Autosys, CRON** to schedule jobs.
* Worked on **administering Informatica 8.6 and 9.5 on windows environment** before UNIX migration.
* Created **deployment groups** to deploy objects.
* Responsible for design and implementation needed for loading and updating the warehouse.
* Worked with **Session logs and yWorkflow logs for Error handling and troubleshooting** in Dev environment.
* Created scripts for better handling of incoming source files such as moving files from one directory to another directory and extracting information from file names, such as date, for continuously incoming sources.
* Wrote **scripts to ensure e-mails sent to respective people on Failure/Success, error handling, control auditing of different processes.**
* Designing, document and configure the Informatica MDM Hub to support loading, cleansing, matching of MDM data.
* Efficiently worked on MDM data modelling, data mappings and data integration.
* Involved in **Performance Tuning** of existing mappings as well as new ones.
* Wrote complex SQL scripts to avoid Informatica joiners and Look-ups
* **Coordinated with DBA’s** in resolving the database issues that lead to production job failures.
* Migrated code/objects from the development environment to the QA/testing environment to facilitate the testing of all objects developed and check their consistency end to end on the new environment.
* Involved extensively in **Unit testing, integration testing, system testing and UAT**.

**Environment:** Informatica Power Center 9.1, MDM, Informatica Power Connect SAP R/3, OBIEE 11g, Oracle 11g, SQL server 2010, PL/SQL Procedures, TOAD, Perl scripts, Rational Clear case, Autosys, MKS Integrity Client, MS Visio, ALM, Mainframes, UNIX, PUTTY, VSE Connector.