***AMBIKA PRASAD PATI***

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***Professional Summary:***

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| * ***Having 8 years****of experience in the Software Development Life Cycle****SDLC****that includes expertise in the****Analysis****,****Design****,****Development****,****Implementation****,****Modeling****,****Testing****and****data Warehousing****using the tool****InformaticaPowerCenter****9.0.1/8.6/7.1.* * ***Three years****of experience in using Business Intelligence applications such as****OBIEE 11X****,****Business Objects,****Experienced in working for clients from****Healthcare, Pharmaceutical, Banking and Retail Sector.*** * *Experience working with various heterogeneous source systems such as****Oracle, DB2, MS SQL server, XML files, flat files, Teradata****and****MS SQL server.*** * ***Over three years of****Experience in designing****OLAP****data and creating****entity relational dimensional relational data models****with****warehousing methodologies****like****Star Snow flake schema architectures, Fact/dimension****tables****.*** * *Performed ETL****performance tuning****of the sources, targets, transformations, mappings, workflows and sessions to resolve or remove the****bottlenecks.*** * *Expert in using****debugger****in the Informatica PowerCenter Designer to test and fix errors in the mappings.* * *Strong background in Data Warehousing concepts and implementing****Dimensional modeling****concepts****Star****and****Snowflake****schema, type 2 and type 3****SCD's*** * *Knowledge of****Erwin****and****FACT****for****DataModeling****.* * *Worked on Effort Estimation, coordination with various teams, Clients, Users,****Onsite****team and****offshore****team and Tracking work progress.* * *Ability to self-manage time and task priorities to meet project timelines, and identify potential project risks.* * *Experience in using SQL tools such as****TOAD/ SQL Developer/ SQL Plus/ SQL Loader****to run SQL queries and validate data.* * *Extensively used****PL/SQL****to write****Store Procedure, Functions, Package, Trigger****and****MaterializeViews****and involved in DB partitioning for improving performance of SQL queries.* * *Extensively worked on****SQL****and****PL****/****SQLTuning****using****ExplainPlan****,****SQLOptimizer****and****SQLHints****.* * *Used the****Semantic Layer****concept to guarantee correct results, improve database performance and improving user understanding and acceptance.* * *Experience in****Unixshell scripting****and****Teradata utilities****BTEQ, FASTLOAD, FASTEXPORT, MULTILOAD, SQL Assistant* * *Experience in****Unix/Solaris****OS commands and in scheduling tools like****Autosys.*** * *Effective communication and writing skills along with a professional attitude and strong work ethic.*   ***Technical Skills:*** |
| |  |  | | --- | --- | | ***Data Warehousing/ETL*** | * *Informatica Power Center 9.x/8.x/7.x, Informatica PowerExchange 9.x* | | ***Data Modeling*** | * *Erwin 7.1.3* | | ***Databases*** | * *Oracle 11g/10g/9i, MS SQL Server 7.0/2008/2005, Teradata 13/V2R6* | | ***Languages*** | * *PL/SQL, T-SQL, C, C , .Net* | | ***Operating System*** | * *Unix/Linux, Sun Solaris, Windows NT/2000/2008, AIX* | | ***Other Tools and Utilities*** | * *SQL Plus,TOAD,SQLDeveloper,OBIEE 11g/10g, Autosys,Cognos, SharePoint.* | |

***Professional Experience:***

***Fresenius – Boston,MA 10/2021 to Present***

***Role: Sr. Informatica ETL Developer (Application lead)***

***Responsibilities:***

* *Modified existing / developed new****complex****Informatica Power Center Mappings to extract and pull the data according to the guidelines provided by the business users and populate the data into Target Systems.*
* *Interact with****BusinessAnalyst****to assist him in understanding the****Source****and****Target****System.*
* *Responsible to pull the data from****XMLfiles****,****Flatfiles****Fixed width Delimited and****COBOL****files by using****complex****transformations like****Normalizer****,****XMLSourceQualifier****etc.*
* ***Extracted****and****transformed****data from various sources like****Teradata****and****relational****databases****Oracle****,****SQLServer****.*
* *Involved in generating****MLOAD****and****TPUMP****scripts to load the data into Teradata tables.*
* *Created****Mappings****using Mapping Designer to load the data from various sources, using different transformations like****SourceQualifier****,****Expression****,****Lookup******Connected****and****Unconnected****,****Aggregator****,****UpdateStrategy****,****Joiner****,****Filter****, and****Sorter****transformations.*
* *Developed complex mappings using transformations such as****Aggregator****,****Connected****and****UnconnectedLookup****,****Filter****,****Joiner****,****Expression****,****Filter****,****Sorter****,****Router****,****Normalizer****,****SourceQualifier****and****UpdateStrategy****.*
* *Worked extensively to create****views****using Composite queries and publish them as web link.*
* *Sourced data using****WEBSERVICES****transformation.*
* *Experience in GCP Data proc, GCS, Cloud functions.*
* *Used cloud shell SDK in GCP to configure the services Data proc, storage, Big query.*
* *Build data pipelines in airflow in GCP for ETL related jobs using different airflow operators.*
* *Extensively worked on****MappingVariables****,****MappingParameters****,****WorkflowVariables****and****SessionParameters****.*
* *Worked on different tasks in Workflows like****sessions****,****eventsraise****,****eventwait****,****decisionmail****,****command****,****Worklets****,****assignment****,****timer****and****scheduling****of the****workflow****.*
* *Worked on Power Center Designer tools like****SourceAnalyzer****,****TargetDesigner****,****MappingDesigner****,****MappletDesigner****and****TransformationDeveloper****.*
* *Used****Debugger****within the Mapping Designer to test the data flow between source and target and to****troubleshoot****the****invalidmappings****.*
* *Designed and developed****UNIXShellscripts****to****report****job****failurealerts****.*
* *Used Workflow Manager for Creating, Validating, Testing and running the sequential, parallel initial Incremental Load.*
* *Worked on****SQL****tools like****TOAD****and****SQLDeveloper****to run****SQLQueries****and****validate****the****data****.*
* *Scheduled Informatica Jobs through****Autosys scheduling****tool.*
* *Assisted****QA****team to****fix****and****findsolutions****for the****productionissues***
* *Prepared all documents necessary for knowledge transfer such as****ETL strategy, ETL development standards, ETL processes****, etc.*

***Environment: Informatica Power Center 9.1, PowerExchange 9.1, Oracle 11g, GCP,Teradata, Erwin, UNIX, PL/SQL, Autosys, MS-SQL Server 2008, Toad, MS-Visio, Windows XP, OBIEE 10.1.3.4.1.***

***Cigna Health Spring Nashville, TN 02/2020 to 10/2021***

***Role: Data Warehouse/ Business Intelligence Developer***

***Responsibilities:***

* *Participated in the full development life cyclefrom developing business intelligence requirements to QA and production deployment.*
* *Analyzed, designed and developed Business Intelligence technical solutions leveraging off the shelf technologies such as OBIEE and Informatica.*
* *Adhered to best Data Warehousing practices when modeling Business Intelligence solutions*
* *Designed STAR Schema Data Warehouse Models using Facts and Dimensions*
* *Enhancing the existing mappings to implement****SCD Type 2.***
* *Involved in extracting source data from spreadsheet and flat files both Direct and Indirect.*
* *Communicated both functional and technical designs and changes to all appropriate agents*
* *Collaborated with and mentored current development staff in the use of Business Intelligence OBIEE , Informatica and Oracle coding language based on numerous prior development activities in these environments.*
* *Utilized prior knowledge of related tools and obtained knowledge of other technologies in support of the organization projects.*
* *Created Mappings using Mapping Designer to load the data from various sources, using different transformations like Source Qualifier, Expression, Lookup Connected and Unconnected , Aggregator, Update Strategy, Joiner, Filter, and Sorter transformations.*
* *Extensively worked on Mapping Variables, Mapping Parameters, Workflow Variables and Session Parameters.*
* *Created several EBS subject areas such as Post Award Management, Award Management Installments, Grants Snapshot, Human Resources, Purchase Order Distribution, etc.*
* *Worked on Power Center Designer tools like Source Analyzer, Warehouse Designer, Mapping Designer, Mapplet Designer and Transformation Developer.*
* *Used Debugger within the Mapping Designer to test the data flow between source and target and to troubleshoot the invalid mappings.*
* *Worked on OBIEE 11g to create reports in different subject areas.*
* *Worked on SQL tools like TOAD and SQL Developer to run SQL Queries and validate the data.*
* *Scheduled Informatica Jobs through Autosys scheduling tool.*

***Environment: Informatica PowerCenter 9.1/8.6, PowerExchange 9.1/8.6, OBIEE 11g, Oracle 11g, PL/SQL, Autosys, Toad, Windows 7***

***AMERICAN EXPRESS, PHOENIX, AZ 11/2018 – 01/2020***

***Position: ETL Developer***

***Responsibilities:***

* *Involved in designing the mapping document according to HIPAA 5010 and ICD10 standards*
* *Created views on all required claims tables and got required data into the staging area*
* *Created 837 outbound tables in the database and populated all the data in it from staging area using Informatica Power Center*
* *Converted 837 claims table data into EDI format using data transformation*
* *Developed different mappings for healthcare institutional and professional data*
* *Converted EDI X12 format files claims to XML files using parser in B2B data transformation.*
* *Filtered the xml claims files by using filter conditions on D9 segment and converted back the filtered xml claim files to EDI format using serializer in B2B data transformation.*
* *Used B2B Data Exchange for end-to-end data visibility through event monitoring and to provide a universal data transformation supporting numerous formats, documents and files.*
* *Populated the Acknowledged information about the claims in the data base tables.*
* *Developed Technical Specifications of the ETL process flow.*
* *Extensively used ETL to load data from Flat files, XML files SQL server, and Oracle sources to SQL server target.*
* *Created mappings using different transformations like Expression, Unstructured Data transformations, Stored Procedure, Filter, Joiner, Lookup and Update Strategy.*
* *Created Triggers to update the data in the 837 outbound tables.*
* *Used Tidal for scheduling.*
* *Involved in Integration, system, and performance testing levels.*

***Environment: Informatica Power Center 9.1.0, SQL Server 2008, Oracle 11g, Toad 8.0, B2B Data Transformation, FACT, T-SQL, Windows7.***

***Infosys Bengaluru, India 05/2015 to 07/2018***

***Position: ETL Developer***

***Responsibilities:***

* *Extraction, Transformation and Loading of the data using Informatica.*
* *Designed the target load process based on the requirements documents.*
* *Enhancing the existing mappings where changes are made to the existing mappings using Informatica Power center.*
* *Developed various transformations like Source Qualifier, Update Strategy, Lookup transformation, Expressions and Sequence Generator for loading the data into target table.*
* *Created Workflows, Tasks, database connections using Workflow Manager*
* *Developed complex Informatica mappings and tuned them for better performance.*
* *Designed and developed online data processing from OLTP to OLAP system using CDC Informatica PowerExchange.*
* *Worked on DataMap, registration, restart token and recovery of real-time Informatica code.*
* *Created sessions and batches to move data at specific intervals on demand using Server Manager*
* *Responsibilities include creating the sessions and scheduling the sessions*
* *Recovering the failed Sessions and Batches.*
* *Involving in extracting the data from Direct Flat files and Indirect Flat files.*
* *Implemented performance tuning techniques by identifying and resolving the bottlenecks in source, target, transformations, mappings and sessions to improve performance Understanding the Functional Requirements.*
* *Responsible for identifying the missed records in different stages from source to target and resolving the issue*
* *Preparing the documents for test data loading.*

***Environment: Oracle SQL Plus, TOAD, InformaticaPowerCenter 8.1.1, PLSQL developer, Oracle SQL, PL/SQL and Oracle10g/9i, SQL Server, DB2 8.0, SOA 10g, Sun Solaris, Remedy, Informatica PowerExchange 8.1.***

***HALCYON TECHNOLOGIES-India 06/2014 – 05/2015***

***Position: Jr. ETL Informatica Developer***

***Responsibilities:***

* *Worked closely with various Application and Business teams to develop Data Model and ETL procedures in designing Data Warehouse with respect to business requirements.*
* *Worked Extensively on Informatica tools Repository Manager, Designer, Workflow Manager and Workflow Monitor.*
* *Designed and developed Mapplets for faster development, standardization and reusability purposes.*
* *Designed and developed new mappings in Mapping designer and sessions and workflows in Workflow manager and modified existing ones to extract data from SQL Server, Excel, and Flat files and load to Oracle database as per business requirements.*
* *Used various active and passive transformations such as Aggregator, Expression, Sorter, Router, Joiner, connected/unconnected Lookup, and Update Strategy transformations for data control, cleansing, and data movement.*
* *Used Debugger to validate transformations by creating break points to analyze, and monitor Data flow.*
* *Performed unit testing to validate mappings and populate the database.*
* *Worked along with the QA Team and provided production support by monitoring the processes running daily.*
* *Documented the process for further maintenance and production support.*
* ***Environment: Informatica Power Center 8.1, Linux, Erwin, SQL Server 7.0, Oracle 10g.***

***Education***

***Master of Science in Computer Science***

*The University of Texas at Arlington, Arlington, Texas 3.364/4.0 Dec 2018*

***Bachelor of Technology in Electronics and Communication Eng.***

*Institute of Technical Education and Research- SOA University CGPA – 8.21/10 May 2014*