**HAMEED**

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**PROFESSIONAL SUMMARY:**

* Overall 7 years of IT experience in **Data warehousing,Business Intelligence** and **Informatica** developing ETL solutions.
* Very strong knowledge in **Informatica Power center** suite which includes Mapping Designer, Workflow Manager, Workflow Monitor, Admin Console and Repository Manager.
* Experienced in Data mapping and ETL load from various sources into Data warehouse and Datamart’s and also load data into relational databases like **SQL Server**, **Oracle, Teradata, DB2 using Informatica and ETL development using SAP Business Objects Data Services, ODS.**
* **Extensive hands on preparing batch architecture for OLTP and ODS system.**
* Worked on Automation for schedule ESP edition to run on scheduled basis by deploying Unix scripts.
* **Extensively used ETL to load data from Oracle 10/11g, MS SQL Server 2008/2012, Flat Files, XML files, Teradata.**
* Automation of job processing using ESP scheduler, establishing automatic email notifications to the concerned persons by creating email tasks in workflow manager.
* Extensively worked with Informatica mapping variables, mapping parameters and parameter files.
* Worked on various Teradata utilities like **MLOAD, FLOAD, FAST EXPORT, TPUMP** and **TPT.**
* Worked with **Informatica MDM** (Master Data Management) to manage the high-volume data to match scaling criteria of heavy data load.
* Excellent Hand full working experience in running projects by using scheduling tools like **TWS** and **AutoSys.**
* Strong knowledge and understanding of **data modeling** (**Star** and **snow flake schemes**), **ER diagrams**, Data flow diagrams/Process diagrams.
* Extensive knowledge in optimizing techniques such as concurrent caching, Auto memory calculations, partitioning and using push down optimization.
* Worked with Oracle, Teradata and SQL stored procedure, table partitions, triggers, SQL queries, PL/SQL packages, IBM SQL procedural languages and loading data into data warehouse/data marts using Informatica, DB2 load and SQL loader.
* Designing of Rules and data cleansing, enhancements in SAP HANA and Informatica.
* Assisted in migrating the standard DSO’s and InfoCubes to HANA Optimized structures.
* Collaborated in importing BW models (Info Cube, DSO) in HANA as Analytical view.
* Data modeling (Designing and building Attribute views, analytical views and calculation views) for BW and EPM10 on SAP HANA.
* Collaborated on designing Data Mart scenarios and modeling in HANA, as well as, reports using Excel/BI tools on HANA models.
* Good Experience in working with UNIX Shell Scripts to automate Informatica workflows, data processing, FTP, Secure FTP, SCP etc.
* Created ETL test data for all ETL mapping rules to test the functionality of batch.
* Good experience of Informatica code Upgradation of Informatica Repository from Informatica 8.1.1 to Informatica 9.1 and from Informatica 9.1 to Informatica 9.6.
* Expertise in Team Track and ILM tool used for defect and CR tracking throughout the SDLC life cycle.
* Excellent understanding of Data Warehousing concepts and Dimensional modeling and Relational Data Modeling, existing data model of the Data Warehouse to design.
* **Experienced in data extraction from flat files, Excel files, OLE database source to data warehouse, packages were created using MS SQL Server Integration Services (SSIS)**.
* **Experienced in SSIS programming module to code several SSIS packages by using many programming languages.**
* **Hands-on experience with BI Tools Informatica Power Center, Informatica Power Exchange,, Cognos, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Micro strategy.**
* Extensive experience in designing the architecture for extract, transformation, load environment and development of mapping and process using Informatica Power center.
* Extensive experience in formulating error handling mechanism and understanding client’s organizational structure.
* Excellent problem solving skills with a strong technical background and result oriented team player with excellent communication and interpersonal skills.
* Worked cooperatively with the team members to identify and resolve various issues relating to Informatica and databases.
* Transformations: Experience in creating Mappings and Mapplets using various Connected and Unconnected transformations like Source Qualifier, Aggregator, Expression, Lookup, HTTP, XML, Filter, Joiner, Union, Router, Rank, Sequence Generator and Update strategy transformations.

**EDUCATION: Bachelor of Technology, Jawaharlal Nehru Technological University, India**

**TECHNICAL SKILLS:**

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| **Data Warehousing ETL** | Informatica Power Center 10.0/9.6/9.5/8.6.1/8.1.1/7.1/6.2, Informatica Data Quality, SAP HANA 1.0 SPS 12, vSphere 6, SSIS, Power Exchange, Ab initio 3.1.6, Data Stage |
| **RDBMS** | DB2, Oracle 11g/9i/8i, MS SQL Server 2008/2005, Teradata 14/15 |
| **Database Languages** | SQL, PL/SQL, T-SQL, Unix, Shell Scripting |
| **Data Modeling Tools** | Erwin 4.1., SQL Data Modeler, Microsoft Visio |
| **Development Process Models** | Waterfall, Agile, Spiral, Prototype Model |
| **Office Package** | MS-Office 2013/2010/2007/XP/2003/2000 |
| **Environment** | Unix, Windows XP, Sun Solaris |
| **Programming Languages** | C++, COREJava Basics |
| **Scheduler Tools** | UC4, Autosys, BMC Control-M V8.0 |
| **Reporting tools** | OBIEE, Cognos 10.2.1,8.3/8.1, Micro strategy 9.3.1, Tableau (Exposure) |
| **Database Utilities** | Goldengate, Toad, Data Mirror, SQL Loader |
| **Big Data Technologies** | Hive QL, Pig Latin, Hadoop Basics, Oozie |

**PROFESSIONAL SUMMARY:**

**Client: NATIONWIDE INSURANCE - COLUMBUS, OH Apr 2016 – Till Date**

**Sr. Informatica Developer**

**Description:**  Nationwide Insurance is an innovative leader in the insurance and financial services offering a wide range of insurance products and financial services. Nationwide Insurance offers financial service that includes auto and homeowner retirement plans, mutual funds and speciality Investment Health Insurance. During this project I worked closely with the ETL team, customers, business analysts and other colleagues in the IT department to analyze operational data sources, determine data availability, define the data warehouse schema and develop ETL processes for the creation, maintenance, administration and overall support of the data warehouse.

**Responsibilities:**

* Worked with business analysts and the DBA for requirements gathering, business analysis and designing of the data marts.
* Developed and maintained complex Informatica mappings.
* Good experience on Agile Methodology and Scrum Process.
* Involved in analyzing and development of the Data Warehouse.
* Created complex mappings in Informatica Power Center Designer using Aggregate, Expression, Filter, Sequence Generator, Update Strategy, Rank, Sorter, Lookup, Joiner transformations etc.,
* Perform data validation tests using complex SQL statements.
* Worked with data warehouse staff to incorporate best practices from Informatica.
* Worked with Business Analysts, using work sessions, to translating business requirements into technical specifications, including data, process and specifications.
* Wrote Stored Procedures using Oracle PL/SQL.
* Wrote functions and triggers using Oracle PL/SQL.
* Implemented Type II slowly changing dimensions using date-time stamping.
* Created database structures, objects and their modification as and when needed.
* Performed BW on HANA migration from existing BW architecture.
* Involved in Data Migration from SAP BW system into SAP HANA DB.
* Worked on Data Modeling, Data Provisioning, Reporting, and Security and Authorization aspects of SAP HANA 1.0.
* Investigating and fixing the bugs occurred in the production environment and providing the on-call support.
* Scheduled reports to be generated on predetermined time basis using reporting services (SSRS).
* The SSRS reports will also require feeds from staging tables populated by creating SSIS packages or Informatica workflows.
* Involved in writing T-SQL Procedures Using SQL Server.
* Performed Unit testing and maintained test logs and test cases for all the mappings.
* Testing for Data Integrity and Consistency.
* Created high-level design document for extracting data from complex relational database tables, data.
* Conversions, transformation and loading into specific formats.
* Developed standard and re-usable mappings and mapplets using various transformations like Expression, Lookups, Joiner, Filter, Source Qualifier, Sorter, Update strategy and Sequence generator.

**Environment:** Informatica Power Center 9.6.1, Power Exchange, Windows, IBM DB2 8.x, Mainframes, SQL Server 2014, Teradata, SAP HANA 1.0 SPS 12, vSphere 6,SSAS, SSIS 2008, Enterprise Architect, Meta data Manager, ER studio, Oracle 11g R2, SQL Plus, PL/SQL.

**Client: VERIZON – TAMPA, FL Aug 2014 – Dec 2015**

**Role: Informatica Developer**

**Description:** Verizon is the leading wireless/wire-line Telecommunication. Verizon creates advanced broadband and wireless solution that enhance our customer lives and drive growth across our industry and the economy. Verizon Wireless provides mobile phone, text message, and data services for phones, tablets, and computers, as well as wireless hotspot devices. The project is to enhance and develop the ETL processes for the Metrics by providing better analysis. The Metrics Data Repository team is to maintain the data about all Sales of the products FiOS Internet, TV and Voice to ease processing requirements of business users. The objectives and requirements are to maintain integrated source of data to feed other operational systems and Data based decision support requirements of business community.

**Responsibilities:**

* Participated in design sessions where decisions are made involving the transformation from source to target.
* Develop ETL mappings which were designed to load data from Flat Files or SQL Server sources into the SQL Staging/Target Area.
* Transformed/Cleansed data to the way the business requires. Used Informatica Data Quality tool for the name cleansing.
* Prepared the Technical Design Document for development.
* Verified and validated data model structure and E-R modeling with all related entities and relationship with each entity based on the rules using Erwin as per the business requirements.
* Used SQL Queries to extract data from the Flat Files and MS SQL Server databases.
* Built database and ETL process in SQL Server (SSIS).
* Worked on SQL Server concepts SSIS, SSAS and SSRS.
* Performed backend testing using SQL queries and analyzed the server performance on UNIX.
* Developed mappings using almost all transformations involving Normalizer, Java, Lookup, Union, Joiner, Router, Update Strategy and all others.
* Executed Informatica work flows, verified the error logs.
* Supported, monitored and tuned Informatica ETL processes.
* Designed and implements the error handling strategy and Audit for ETL team.
* Monitored data warehouse weekly and Daily loads to ensure successful completion.
* Interacted with client user personnel to ensure continuing adherence to requirements and user standards.
* Involved in formal review meetings with project teams and developers to report, demonstrate, prioritize and suggest resolution of issues discovered during testing.
* Actively participated in System testing, integration testing and coordinated UAT.

**Environment:** Informatica Power Center 9.1, Workflow Designer, Power center Designer, Repository Manager, Informatica Data Quality ,SQL server 2012 , Oracle 10g,  UNIX Shell Scripting.

**Client: TEVA Pharmaceutical - North Wales, PA** **Jan 2013 to June 2014**

**Informatica Developer**

**Description:** The project was to analyze the market demand for their drugs in comparison to their competitors and developed a Sales & Prescriptions Data Warehouse for TEVA Pharmaceuticals to project their periodical sales information. Extracted data from Heterogeneous Data sources like Oracle and Flat Files. Transforming the data and then loading the data into the target Data Mart for Warehouse operations.

**Responsibilities:**

* Extracted data from various heterogeneous sources like Oracle, SQL Server, Teradata, MS Access and Flat files.
* Scheduled UNIX scripts using CA Workload Automation ESP edition scheduler to run daily/monthly jobs.
* Used Informatica data services to profile and document the structure and quality of all data.
* Extensively used Informatica Transformation like Source Qualifier, Rank, SQL, Router, Filter, Lookup, Joiner, Aggregator, Normalizer, Sorter etc. and all transformation properties.
* Solid Expertise in using both connected and unconnected Lookup Transformations.
* Extensively worked with various Lookup caches like Static cache, Dynamic cache and Persistent cache.
* Used Loader utilities including SQL Loader and Teradata utilities (FASTLOAD, FASTEXPORT, and MULTILOAD).
* Worked with Session logs and Work flow logs for Error handling and troubleshooting in Dev environment.
* Used Debugger wizard to troubleshoot data and error conditions.
* Responsible for Best Practices like naming conventions, and Performance Tuning.
* Developed Reusable Transformations and Reusable Mapplets.
* Worked extensively with session parameters, Mapping Parameters, Mapping Variables and Parameter files for Incremental Loading.
* Extensively used Various Data Cleansing and Data Conversion Functions in various transformations.
* Worked with Shortcuts across shared and non-shared folders.
* Responsible for migrating the code using deployment groups across various Instances.
* Optimized SQL queries for better performance.
* Created PRE-SQL and POST-SQL scripts which need to be run at Informatica level.
* Responsible for Unit Testing of Mappings and Workflows.
* Developed Slowly Changing Dimension Mappings for Type 1 SCD and Type 2 SCD.
* Responsible for implementing Incremental Loading mappings using Mapping Variables and Parameter Files.
* Responsible for determining the bottlenecks and fixing the bottlenecks with performance tuning.
* Implemented various loads like Daily Loads, Weekly Loads, and Quarterly Loads using Incremental Loading Strategy.

**Environment:**  Informatica Power center 9.1, Oracle 10g/9i, Teradata, SQL server, SQL/PLSQL, UNIX shell scripting, Windows.

**Client: Life Insurance Corporation, India Dec 2010 – Nov 2012**

**ETL/SQL Developer**

**Responsibilities:**

* Created dimensional model for the reporting system by identifying required dimensions.
* Populated the business rules using mappings into the Repository for Data management.
* Designed Sources to Targets mapping from primarily Flat files to Oracle using Informatica Power center.
* Created global repository, Groups, Users and assigned privileges using repository manager.
* Various kinds of the transformations were used to implement simple and complex business logic. Transformations used were: connected & unconnected lookups, Router, Expressions, source qualifier, aggregators, filters, sequence generator, etc.
* Extensively worked in Oracle SQL, PL/SQL, Query performance tuning, Created DDL scripts, created database objects like Tables, Indexes, Synonyms, and Sequences etc.,
* Tuned Informatica Mappings and Sessions for optimum performance.
* Developed scripts through UNIX shell scripting to run the pmcmd functionality to start and stop sessions.
* Executed Informatica work flows, verified the error logs.
* **Environment:** Informatica Power center 8.6.1, Oracle 8i, SQL Server 2008, UNIX Shell Scripting, SQL, PL/SQL.