**G Sunil**

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 **Sr. Informatica Developer**

**PROFESSIONAL SUMMARY:**

* Seven plus (**7**+) years of IT experience in the Analysis, Design, Development, Testing and Implementation of business application systems for Healthcare, Insurance, Financial and Telecom Sectors.
* Strong experience in the Analysis, design, development, testing and Implementation of Business Intelligence solutions using **Data Warehouse/Data Mart** Design, ETL, OLAP, BI, Client/Server applications.
* Strong Data Warehousing ETL experience of using Informatica 10.2/9.6/9.1/8.6.1/8.1 **PowerCenter** Client tools - Mapping Designer, Repository manager, Workflow Manager/Monitor and Server tools – Informatica Server, Repository Server manager.
* Expertise in Data Warehouse/Data mart, **ODS**, **OLTP** and **OLAP** implementations teamed with project scope, Analysis, requirements gathering, data modeling, **Informatica Data Quality (IDQ),** Effort Estimation, ETL Design, development, System testing, Implementation and production support.
* Strong experience in Dimensional Modeling using Star and **Snow Flake Schema**, Identifying Facts and Dimensions, Physical and logical data modeling using Erwin and ER-Studio.
* Expertise in working with relational databases such as Oracle 11g/10g/9i/8x, **Greenplum**,SQL Server 2012/2008/2005, DB2 8.0/7.0 and **Teradata**. Have a clear understanding of **Data Warehousing** concepts with emphasis on ETL and Life Cycle Development including requirement analysis, design, development, testing and implementation.
* Experience in **No Sql** based database to replace ETL based solution.
* Worked extensively on no sql based marklogic database.
* Experience in Design and develop data ingestion pipelines.
* Worked on implementing cloud projects to setup infrasructure for **Informatica cloud, Snowflake and Amazon Web Services.**
* Good experience with Informatica Power-Exchange CDC Change Data Capture and B2B MFT tools.
* Experience in resolving on-going maintenance issues and bug fixes; monitoring Informatica sessions as well as performance tuning of mappings and sessions.
* Experience in all phases of Data warehouse development from requirements gathering for the data warehouse to develop the code, Unit Testing and Documenting.
* Extensive experience in writing **UNIX shell scripts** and automation of the ETL processes using UNIX shell scripting.
* Proficient in the Integration of various data sources with multiple relational databases like Oracle11g /Oracle10g/9i, MS SQL Server, DB2, Teradata, VSAM files and Flat Files into the staging area, ODS, Data Warehouse and Data Mart.
* Knowledge on workload automation and job Schedulers, extensive used scheduling tools Autosys,Control –M, Informatica schedulers, worked extensively on designing and scheduling of the jobs
* Worked extensively with slowly changing dimensions.
* Hands-on experience across all stages of Software Development Life Cycle (**SDLC**) including business requirement analysis, data mapping, build, unit testing, systems integration and user acceptance testing.
* Solid work experience in Support projects.
* Strong experience in scripting language.
* Experience in writing UNIX shell scripts to support and automate the ETL process.
* Involved in all phases of Testing like Unit testing, Integration testing, System testing and supported to QA team and UAT testing.
* Experience in dimensional data modeling of star schema and snow flake schema.
* Experienced with coordinating cross-functional teams.
* Excellent interpersonal and communication skills, and is experienced in working with senior level managers, business people and developers across multiple disciplines.

**TECHNICAL SKILLS**

**Operating Systems**: Windows 10, 8, 7, XP, UNIX,IOS

**ETL Tools**: Informatica Power Center 10.2/9.6/9.1/8.6/8.5/8.1/7.1 (Designer, Workflow Manager, Workflow Monitor, Repository manager and Informatica Server), SSIS, Master Data Management (MDM) and Informatica Data Quality (IDQ), IICS

**Database Tools:** SQL Server 2012/2008/2005, Teradata, Oracle 11g, 10g, Greenplum, PG Admin, Dbeaver

**Data Modeling Tools**: Erwin, MS Visio

**OLAP Tools**: Cognos 8.0/8.1/8.2/8.4/7.0/, Business Objects XI r2/6.x/5.x, OBIEE 10.1.3.4/ 10.1.3.3

**Languages:**  Java, Spring boot, X query, C++, Visual Basic.Net, JavaScript, HTML, SQL, HTML5, Adobe Illustrator, InDesign, SharePoint.

**Web/Apps Servers:**  IBM Web Sphere, Sun iPlanetServer, IIS, Tomcat
**Methodologies Tools:** Waterfall, Agile, Agile based Pair programming and Scrum methodologies

**Testing Tools**: JIRA, HP ALM 11.5, HP Quality Center 9.0/9.2/10.0, TFS

**PROFESSIONAL EXPERIENCE:**

**Great American Insurance Group March 2019- Present**

**Cincinati,OH**

**Data Integration Developer.**

American Financial Group's major insurance division operates as the **Great American Insurance Company**, focuses on property and casualty insurance services. **Great American Financial Resources** is a wholly owned subsidiary of American Financial Group and supplies a range of annuities, life insurance products and supplemental insurances to individuals and enterprises. All the ETL processes which happen here is in informatica and company has initiated to replace ETL process to **No SQL** based solution with **marklogic**. Presently operating based on **pair programming** concept developed by pivotal software Inc.

Design and develop analytics based solution in Marklogic for great American Insurance Group(GAIG).

* Migrate the ETL based existing systems to No SQL based solution.
* Worked on building the ETL architecture and Source to Target mapping to load data into Data warehouse.
* Architect the solution and migrate different domains such as policy, Claims etc.. data into Marklogic.
* Design and develop data ingestion pipelines.
* Managed the Metadata associated with the ETL processes used to populate the Data Warehouse.
* Designed, developed ODI for ETL Project, gathering requirement specification documents and presenting and identifying data sources.
* Involved in the installation and configuration of Informatica Power Center 10.1 and evaluated Partition concepts in Power Center 10.1
* Worked on building the ETL architecture and Source to Target mapping to load data into Data warehouse.
* Design Canonical models and build data hub to serve various business use cases/requirements.
* Develop REST/SOAP based webservices for GAIG applications in Marklogic.
* Development & deployment of XQuery modules.
* Perform the root cause analysis for the when issues found during the implementation Effort Estimation.
* Automation of the existing process, which require manual intervention.
* Identifying the pain points in the existing process, suggest and implement the best practices
* Performance improvement activities such as tuning and profiling the Marklogic queries.
* Conducting working sessions with the stakeholders and Architects.

**Environment:**Informatica Power Center 9.6 ,Mark logic, ORACLE , Greenplum, Sql developer, Autosys, PL/SQL, Pivotal Cloud Foundry(PCF),AWS, Attunity, DBeaver ,IOS, Service Now, sharepoint, JIRA, Teams, Slack, Intelli J Idea, Concourse,

**American Family Insurance, JULY 2018-MARCH 19**

**Madison,WI**

**Sr.ETL Developer.**

American Family Insurance is a private mutual company that focuses on property, casualty, and auto insurance, and also offers commercial insurance, life, health, and home owner’s coverage as well as investment and retirement-planning products. Entire Customer information with policies and parties are stored in Data warehouse. It receives data from various legacy systems into ODS, CSA and ADL layers. Data from oracle applications ODS and CSA are extracted, transformed and loaded into ADL Greenplum databases using informatica.

**Responsibilities:**

* Extensively worked on understanding the business requirements and designing mappings for business analytics.
* Conducted impact assessment and determine size of effort based on requirements.
* Worked on Informatica Power Center for ( ETL) extraction, transformation and loading data from heterogeneous source systems into target database.
* Developed **Mappings** using various **Transformations** like Aggregate, Expression, Filter, Lookup, Joiner, Sequence Generator, Stored Procedure, Update strategy and Rank.
* Used **workflow manager** extensively to create tasks, worklets, and workflows and executed the tasks.
* Actively participated in data base testing like checking the constraints, correctness of the data, stored procedures, field size validation, etc.
* Prepared ETL standards, Naming conventions and wrote mapping documentation.
* Provided Knowledge Transfer to the end users and created extensive documentation on the design, development, implementation, daily loads and process flow of the mappings
* Hands on experience on Performance Tuning using Session Partition, Lookup Properties, and Session Properties.
* Developed **PL/SQL stored procedures**to implement complex business rules.
* Used Informatica B2B Data Exchange tool MFT the files from external venders to internal servers.
* Monitored database **performance tuning**and implemented the **session partitions** and made changes to database by re-building the**indexes**.
* Defects were tracked, reviewed and analyzed.
* Well Experienced in doing Error Handling and Troubleshooting using various log files.
* Involved in **migration** of the mappings and workflows from the development server to the Test Server to perform the integration and system testing.
* Analyzed, Designed, Tested, Implemented and supported ETL processes for Stage, DW and DM.
* Used Change Data Capture (CDC) to simplify ETL in data warehouse applications.
* Worked in Loading and transforming large sets of structured, semi structured and unstructured data and used of B2B database for integration of data and transformation of data.
* Used SQL tools like **DBeaver,PGAdmin, WInsql**  to run **SQL** queries and validate the data.
* Used interactive platforms like Teams and Slack to interact with various workplace groups.
* Partially involved in cloud migrated projects.
* Worked on implementing cloud projects to setup infrastructure for Informatica cloud, Snowflake and Amazon Web Services.
* Worked in several areas of SDLC including Analysis, Requirement Gathering, Design, Development, Testing, and Implementation.
* Exposure to Hadoop, Big Data, and experience in writing Linux scripts for Surveys project.

**Environment:**Informatica Power Center 9.6 & 10.2, Informatica Cloud(IICS), ORACLE , Greenplum, Sql developer, Autosys, PL/SQL, Ambari, AWS, Snowflake,AWS, Attunity, DBeaver,Winsql,Windows10, Service Now, PG Admin III, sharepoint, JIRA, Teams, Slack

**MERCK KGaA APRIL 2018- JULY 2018**

**Boston,MA**

**Sr. Informatica Developer**

Worked in the R&D Application team to supports the delivery of the R&D Service Portfolio for the Healthcare business. The R&D Integration platform connects multiple R&D service and replaces any direct application to application interface.

**Responsibilities:**

* Developed, installed and maintained medium complex interfaces in Informatica and Provided project documentation including Functional, Technical specifications and Test Scripts
* Extracted data from various source systems like **Oracle**, **SQLServer**, **XML** and flat files and loaded into relational data warehouse and flat files.
* Involved in preparing data models: Master Data, Meta Data, Staging Data, ODS, unstructured data
* Participated in various cross-functional projects and understands the project dependencies
* Provided training to the community for each new development .
* Created end to end mapping document for the ETL process and unit test cases.
* Performed updates/changes to the integrated data model
* Develops and reviews code in Informatica.Contributed to Informatica reusable objects development
* Aligned interface changes with the related application support teams and assured development standards in Informatica
* Monitored quality standards and ensures failure-free operation.

**Environment: :**Informatica Power Center 9.6, Oracle, JIRA, Service Now, HP ALM, Autosys, sharepoint, Windows 7/8, MS Office (Word, Excel, PowerPoint).

**T-Mobile JULY 2017 – MARCH 2018**

**Seattle,WA**

**Sr. Informatica Developer**.

T-Mobile is the second largest GSM mobile service provider in USA. It stores its entire customer information both post-paid and pre-paid in a data warehouse. It receives data from various legacy systems and Oracle applications like AR, AP and PO of GL module. This data from oracle applications is extracted, transformed and loaded into oracle and also data from legacy system received from SQL Server database is loaded using Informatica.

**Responsibilities:**

* Involved in gathering and analysis business requirement and writing requirement specification documents and identified data sources and targets.
* Created Design Specification Documents including source to target mappings.
* Translated Business Requirements into Informatica mappings to build Data Warehouse by using Informatica Designer, which populated the data into the target.
* Extracted data from various source systems like **Oracle**, **SQLServer**, **XML** and flat files and loaded into relational data warehouse and flat files.
* Designed and developed complex mappings, from varied transformation logic like Unconnected and Connected lookups, Router, Filter, Expression, Aggregator, Joiner, Update Strategy, Stored Procedure and more.
* Created and scheduled Sessions, Jobs based on demand, run on time and run only once using Workflow Manager.
* Modified the existing worklets and workflows to accommodate for these new sessions and mappings. Created the break points in the designer and worked with debugger.
* Extensively involved in coding of the Business Rules through **PL/SQL** using the Functions, Cursors and Stored Procedures.
* Captured the DQ metrics using the Profiles and Created scorecards to review data quality using IDQ.
* Assisted in troubleshooting the Production support problems, which are related with IDQ.
* Created IDQ transformations to convert data from pdf to xml.
* Provided Knowledge Transfer to the end users and created extensive documentation on the design, development, implementation, daily loads and process flow of the mappings
* Performance tuning of the Informatica mappings using various components like Parameter files, Variables and Dynamic Cache.
* Debugged and resolved load failures by verifying the log files. Supported QA Testing in fixing the bugs and also helped to resolve various data issues.
* Maintained a very good interaction with analysts, Project Managers, architects and testers to have efficient and better results.
* Used SQL tools like **TOAD** to run **SQL** queries and validate the data.
* Partially involved in writing the **UNIX Shell Scripts**, which triggers the workflows to run in a particular order as a part of the daily loading into the Warehouse.
* Provided 24x7 production supports for business users and documented problems and solutions for running the workflows.

**Environment:**  Informatica Power Center 10.1/9.5, Oracle 11g, MS SQL Server, Informatica Data Quality (IDQ), TOAD, PL/SQL, SQL, Flat Files, XML, UNIX Shell Scripting, Windows 7/8, MS Office (Word, Excel, PowerPoint).

**Blue Cross Blue Shield, MAY 2016 – JUNE 2017**

**Jersey City, NJ**

**Sr. Informatica Developer**

This project responsibility is to develop an Enterprise **Data Warehouse** (**EDW**). This responsibility of this project to completely integrate the business to single environment. This data warehouse is used to access easily the detailed data on a single platform and also to facilitate the enterprise-wide data analysis to Reporting within the business environment. This Data Warehouse is build using Informatica Power Center 9.1 for extracting data from various sources including flat-files, SAP-ABAP, Teradata and Oracle.

**Responsibilities**:

* Interacted with business analysts and translate business requirements into technical specifications.
* Using Informatica Designer, developed mappings, which populated the data into the target.
* Used Source Analyzer and Warehouse Designer to import the source and target database schemas and the mapping designer to map the sources to the targets.
* Responsibilities included designing and developing complex informatica mappings including Type-II slowly changing dimensions.
* Worked extensively on **Workflow Manager**, Workflow Monitor and Worklet Designer to create, edit and run workflows, tasks, shell scripts.
* Developed complex mappings/sessions using **Informatica Power Cen**ter for data loading.
* Enhanced performance for Informatica session using large data files by using partitions, increasing block size, data cache size and target-based commit interval.
* Extensively used aggregators, lookup, update strategy, router and joiner transformations.
* Developed the control files to load various sales data into the system via **SQL\*Loader**.
* Extensively used **TOAD** to analyze data and fix errors and develop.
* Involved in the design, development and testing of the **PL/SQL** Analyzed the requirements and framed the business logic for the **ETL** process.
* Involved in the **ETL** design and its documentation.
* Worked with Informatica Data Quality (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting.
* Used IDQ to standardized plans for addresses, names clean ups and complete initial data profiling and removing duplicate data.
* Created IDQ transformations to convert data from pdf to xml.
* Interpreted logical and physical data models for business users to determine common data definitions and establish referential integrity of the system using ER-STUDIO.
* Followed Star Schema to design dimension and fact tables.
* Experienced in handling slowly changing dimensions.
* Collect and link metadata from diverse sources, including relational databases Oracle, **XML** and flat files.
* Responsible for the development, implementation and support of the databases.
* Extensive experience with PL/SQL in designing, developing functions, procedures, triggers and packages.
* Developed reusable Mapplets and Transformations.
* Review existing code, lead efforts to tweak and tune the performance of existing Informatica processes
* Scheduling the sessions to extract, transform and load data in to warehouse database on Business requirements.
* Scheduled the tasks using Autosys.
* Loaded the flat files data using Informatica to the staging area.
* Created SHELL SCRIPTS for generic use.
* Created high level design documents, technical specifications, coding, unit testing and resolved the defects using Quality Center 10.
* Developed unit/assembly test cases and UNIX shell scripts to run along with daily/weekly/monthly batches to reduce or eliminate manual testing effort.

**Environment**: Informatica PowerCenter 9.1, UNIX, Teradata V-14, Oracle 11g, SQL,Informatica Data Quality (IDQ), PL/SQL, ER-win, Oracle Designer, MS VISIO, Autosys, Korn Shell, Quality Center 10, Windows 7/8, MS Office (Word, Excel, PowerPoint).

**Birlasoft Sep 2014 - Dec 2015**

**Hyderabad, INDIA**

**Informatica Developer**

**Responsibilities**:

* Logical and Physical data modeling was done using Erwin for data warehouse database in STAR SCHEMA
* Using Informatic PowerCenter Designer analyzed the source data to Extract & Transform from various source systems (oracle 10g, DB2, SQL server and flat files) by incorporating business rules using different objects and functions that the tool supports.
* Using Informatic PowerCenter created mappings and mapplets to transform the data according to the business rules.
* Used various transformations like Source Qualifier, Joiner, Lookup, sql, router, Filter, Expression and Update Strategy.
* Implemented slowly changing dimensions (**SCD**) for some of the Tables as per user requirement.
* Developed Stored Procedures and used them in Stored Procedure transformation for data processing and have used data migration tools
* Documented Informatica mappings in Excel spread sheet.
* Tuned the Informatica mappings for optimal load performance.
* Have used **BTEQ, FEXP, FLOAD, MLOAD** Teradata utilities to export and load data to/from Flat files.
* Created and Configured Workflows and Sessions to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.
* Have generated reports using **OBIEE** 10.1.3 for the future business utilities.
* This role carries primary responsibility for problem determination and resolution for each SAP application system database server and application server.
* Worked along with UNIX team for writing UNIX shell scripts to customize the server scheduling jobs.
* Constantly interacted with business users to discuss requirements.

**Environment**: Informatic PowerCenter Designer 8.6.1, Informatica Repository Manager, Oracle10g/9i,DB2 6.1, Erwin, TOAD, SAP Version: 3.1.H,Unix- SunOS, PL/SQL, WindowsXP/7, MS Office (Word, Excel, PowerPoint).

**Kochar Infotech Inc, Feb 2013 - Aug 2014**

**Bangalore, India**

**Network Engineer & Informatica developer**

**Responsibilities**:

* Providing technical solutions to different problems of clients by taking help of different tools.
* Experience in developing mapping in designer, workflow manager and monitor in Informatica 9.1.
* Experience in administrating the created reports and assigning permission to the valid users for executing the reports.
* Ensure that the call comments are properly arranged and suitable information is provided to clients.
* The standard of each call should be properly maintained in a comprehensive manner taking into view each aspect of attending the customer, listening to their problems and offer appropriate solutions to them.
	+ Technical support and responsible for working with computer hardware and software for resolving the troubles that may arise within an organization.

**Environment**: Informatica 8.1, Oracle 10g, SQL Server 2005, Windows XP/7, MS Office (Word, Excel, PowerPoint).