Highly Motivated IT professional **10(Ten) Years of experience** in IT Industry with more than **8 (Eight)** years in Business Requirement Analysis, Application Design, Data Modeling, Development, Implementations and Testing of Data Warehouse and Database business systems for **Healthcare, Pharmaceutical, Financial, Insurance, Retail and Telecom Industries**.

**PROFESSIONAL SUMMARY:DATA WAREHOUSE and DATA INTEGRATION SPECIALIST**

* **Data Warehousing:**
* **Experience** in Design, Development & Support of ETL Methodology for Data Transformations using **Informatica PowerCenter 9.x/8.x/7.x/6.x,Informatica B2B Data Exchange 8.6, Informatica B2B Data Transformation Studio 8.6.**
* Exposure to Informatica B2B Data Exchange that allows to support the

expanding diversity of customers and partners and their data with

capabilities that surpass the usual B2B solutions

* Exposure to Informatica B2B Data Transformation that supports transformation of structured, unstructured, and semi-structured datatypes while complying with the multiple standards which govern the dataformats.
* Used the Data Transformation Studio to create scripts that convert complex data formats, into standard ones and then integrate toInformatica's Power Center platform, using the UDO transformation.
* **Experiended in** Data Transformationparser to transform the data to any standard or custom XML
* Experienced in **Informatica PowerConnect** for **Mainframe and AS/400** to connect to most major data sources
* Experienced in **PowerConnect** for **SalesForce SAP/PeopleSoft/Siebel and MQseries**
* Highly Experienced in integrating **legacy ERP** and other application data into the **data warehouse**
* 7+ years of **Data Integration** experience, including EDI, ETL, Data Warehouse, and Data Conversion.
* source and target analysis, data profiling, data cleanliness, ETL mappings, ETL workflows, and performance tuning.
* Expertise in **Informatica/Oracle tuning** with **Seven + years** of experience in converting **PL/SQL** programs to **PowerCenter Mappings** and **Sessions**
* Strong experience in designing and developing **Business Intelligence** solutions in Data Warehouse/Decision Support Systems using **ETL tools, Informatica PowerCenter 9.x/8.x/7.x/6.x, OLTP, OLAP**.
* Excellent understanding and experience in implementing **Best Practices of Data Warehousing Concepts**
* Iinvolved in Full Development life cycle of Data Warehousing. Expertise in enhancements/bug fixes, performance tuning, troubleshooting, impact analysis and research skills
* Extensively worked in **Source Analyzer**, **Target Designer**, **Transformation deve**loper, **Mapplet Designer**, **Mapping Designer**, **Workflow Manager**, and **Workflow Monitor** to develop various complex **Mappings, Maplets, Reusable Transformations, Session tasks** and **Workflows** in Informatica PowerCenter.
* Extensive Experience in **Change Data Capture** (CDC), **Batch Processing, Real Time Integration**.
* Experienced **ETL Team Lead** and a part of the **ETL Production Support** team. **Led both onsite and offshore teams**for development, testing and support.
* Experienced with Informatica **PowerExchange**(5.x/8.x) for Loading/Retrieving data from mainframe systems and databases using redologfile transactions.
* **Databases**
  + Over **Eight years** of experience with various Data sources like DB2(10x/9.x/8x), ORACLE (11/10/9g), Teradata /14/13/12, MS Access, MS Excel
  + **8 Years** of Experience with ORACLE databases, in various capacities of development
  + Experienced in **Extraction** &**Migration** of data from heterogeneous data sources like Flat Files, MS Excel, MS Access, MS SQL Server to ORACLE, Teradata
  + Experienced in **optimizing and tuning of SQL Queries** and PL/SQL applications using utilities like Explain plan, TKPROF & hints.
  + Extensively worked on PL/SQL Object Types, Collections, Ref Cursors, Pipeline functions, Compound triggers, Materialized Views and Table Partitioning
  + Experienced in using utilities like Toad, SQL loader and PL/SQL developer
  + Over 5 years of experience on Teradata development and OLAP operation with Teradata database
  + Highly experienced in using **Teradata utilities** like **SQL, B-TEQ, Fast Load, MultiLoad, FastExport, Tpump, FastExport**, and **Teradata Parallel Transporter** (TPT)
  + Experienced in design, enhancement, and development of applications for **OLTP, OLAP,** using **dimension modeling** with **Teradata and Oracle**
  + Experience with integration of Teradata Utilities to carry the ETL Jobs
  + **Oracle Certified Professional** ( May 2000)
* **Data Modeling**
* Extensive experience in Analyzing the **Dimensional Data models, Star Schema/Snowflake models, FACT & Dimensions tables, Physical & logical data**.
* Excellent command over **Logical** and **Physical**, **Entity Relationship** data modeling using Modeling tools like **ERWin**etc.
* Excellent knowledge indesigning data martsusing **Ralph Kimball's and Bill Inmon's dimensional data mart modeling techniques.**
* **Other**
* **Experience as a DWH (Enterprise datawarehousing) Lead for Off-Shore and on-Shore in Multiple Projects**
* Experience in working with UNIX Shell Scripts , among other things, automatically running& aborting sessions and creating parameter files
* Good Knowledge of various shells and tools like **awk, Sed** etc.
* Experience in **scheduling and monitoring jobs** using **AutoSys, Crontab** and **Tivoli**
* Excellence in individual and team performance

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| **Data Warehousing** | Informatica Power Center 9.x/8.x/8.x/7.x/6.x,Repository Server Administrator Console, Power Exchange,Informatica B2B data transformation 8.6 |
| **Database & Related** | DB2 9/8, ORACLE9i/10g/11g, SQL Server 2000/03/08, Teradata 14/13/12 |
| **Data Modeling Tools** | Erwin7.x, MS Visio |
| **Operating Systems** | AIX, Linux, UNIX (Solaris, FreeBSD), Windows Server 2003, Windows XP/NT |
| **Languages** | SQL, PL/SQL,XML,XSD,HTML, C++ |
| **Applications** | Teradata SQL Assistant, TOAD, SQL Loader, Microsoft Office, BTEQ, Performance Monitor (PMON), Teradata Viewpoint, Fast Load, Mload, Fast Export, TPUMP, BTEQ, Teradata Parallel Transporter (TPT) |
| **Testing** | Load runner, QTP, Manual Testing |

* Excellent knowledge of UAT, Testing Tools like LoadRunner/QTP and Manual Testing

**TECHNICAL SKILLS**

**PROFESSIONAL SUMMARY**

**UST Global/Los Angeles, CA Aug’15-till date**

**ETL/Informatica Admin/Developer**

**EPDSV2(EDW repository building)**

**Scope:** This project involves the merger of multiple, nation-wide insurance providers’ information systems available with healthcare industry into single information system (Single Source upstream) and enable this information system to send data downstream to all the insuranceproviders. This purpose of the this merger is to streamline the claim process across the board for all the insurance providers under Anthem BlueCross.

**Responsibilites:**

* Responsible for **Business Analysis and Requirements Collection**.
* Worked on **Informatica Power Center tools- Designer, Repository Manager, Workflow Manager, and Workflow Monitor.**
* Parsed high-level design specification to simple **ETL coding and mapping standards**.
* Designed and customized data models for Data warehouse supporting data from multiple sources on real time
* Responsible for normalizing **COBOL files** using Normalize Transformation.
* Worked in **power exchange navigator** to add **registration group and data maps** to read real time Insert,update,deletetranscations on table and file
* created**restart token** in workflow manager to work with **power exchange through power center.**
* **worked on row test in power exchange to validate data in db and file.**
* Using Informatica power exchange analyse and load data using mainframe and RDBMS.
* Worked and created
* Defining **Parser to parse HL7 message** for patient diagnosis information and convert into **xml schema**
* **Defining anchors and anchor types for Hl7 message with MSH**
* **defining repertitive group anchor for repeated segment**
* **Used B2B parser,mappe,serializer,streamer** to convert data into Industry standards .
* **Used B2B DT to generate excel to view data**
* **transformed EDIx12 claim processing data using Infoamtica b2b data exchange**
* Involved in building the **ETL architecture and Source to Target mapping to load data into Data warehouse.**
* Created mapping documents to outline data flow from sources to targets.
* Involved **in Dimensional modeling (Star Schema) of the Data warehouse and used Erwin to design the business process, dimensions and measured facts**.
* Extracted the data from the flat files and other RDBMS databases into staging area and populated onto Data warehouse.
* Maintained **stored definitions, transformation rules and targets definitions using Informatica repository Manager.**
* Used various transformations like **Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Informatica Designer.**
* Developed **mapping parameters and variables to support SQL override.**
* Created mapplets to use them in different mappings.
* Developed mappings to load into staging tables and then to Dimensions and Facts.
* Used existing ETL standards to develop these mappings.
* Worked on different tasks in Workflows like **sessions, events raise, event wait, decision, e-mail, command, worklets, Assignment, Timer and scheduling** of the workflow.
* Created sessions, configured workflows to extract data from various sources, transformed data, and loading into data warehouse.
* Used **Type 1 SCD and Type 2 SCD** mappings to update slowly Changing Dimension Tables.
* Modified **existing mappings for enhancements of new business requirements**.
* Used **Debugger to test** the mappings and fixed the bugs.
* Wrote UNIX shell Scripts & PMCMD commands for FTP of files from remote server and backup of repository and folder.
* Involved in **Performance tuning at source, target, mappings, sessions, and system levels**.
* Prepared migration document to move the mappings from development to testing and then to production repositories.

**Environment:Informatica Power Center 9.6,inforamtica power exchange**,**B2B Data Transformation Studio 9.5**

**DB2, Squirrel, Solaris 10.2, ControlM Scheduler**

**VerizonWireless,Warren,NJ Sep’14-Aug’15**

**Lead ETL Developer**

**Project:-Smart Staffing Dashboard Informatica support**

The Smart Staffing Dashboard provides retail leaders with real-time resource management data to allow for optimal sales performance and employee productivity. No tool today aggregates key resource management data from multiple sources such as Sales Transactions/Total Traffic % and Average Waiting Times on a single dashboard to facilitate preemptive action against resource shortcomings and proactive steps toward optimization of processes and opportunities. The Smart Staffing Dashboard allows retail leaders to manage the store resources more effectively with real impact on the customer experience through lower waiting times.

**Responsibilities:**

* **Led a team for 6 developers in designing and implementing Business Intelligence for** The Smart Staffing Dashboard
* Overseeing the**ETL Document Design** Process **for EDW DataMart implementation**
* Enforcing**Agile Software Methodology for** code development
* **Scrum Master Role** for daily scrums for code development and progress of the project
* **Code Review** and Brainstorming Sessions with business vendors to implement correct data

**Developer Role**

* Developed techniques to calculate each fact and load it into data warehouse and so that UI application shows real-time data
* **Monitor & Maintain real time data warehouse fact values and dimension values** for each level (national/region/area/sub-region/store/location etc)
* **Transforming unstructured data using B2B data transformation studio of informtica**
* **Integrating B2B in to powercenter**
* **Read Json data using Informatica B2B data transformation**
* **SCD Type 2 Mapping Implementation** to load the history of each store to each datamart dimensions
* Wrote **SQL queries to test the data in each table**
* **Wrote PL/SQL stored procedure to load missing dimension and fact values.**
* Modified existing **Data Models** to analyze **real time data from retail stores across the nation using Snow-Flake Schema**
* **Wrote PL/SQL code to capture and load real-time data** from stores in various time zones
* Extensively worked on **Performance Tuning** of Session and ETL logic.
* **Analysed sessions logs to** understand and rectify failures and bottlenecks as part **of Performance tuning**
* Developed code to detect and process late arriving Sales Transaction facts &Dimensions

**Environment:Informatica Power Center 9.5, Oracle 11g, B2B Data Transformation Studio 8.6.2**

**Toad, Solaris 10.2, Windows 7, Windows 2008 Server R2**

**Avaya,BaskinRidge,NJ March’14-Aug’14**

**Lead ETL Data Integration to Enterprise Data Warehouse Specialist**

**PROJECT:-Code & Data Migration**

Avaya is a recognized innovator and leading global provider of real-time business collaboration and communications solutions. Avaya has two databases in oracle and project called B2I is all merging both domestic and international data into one database .and change the Informatica code in development and production environment to give one streamline solution.

**Responsibilities**

* **Implement Code Changes**, Getting source data from Salesforce application to International and domestic data
* **Generate ABAP Program** and save the Mappings.
* **CreateUpgrade Plan** to migrate all internal applications populating data marts and data warehouse to a new version.
* **ImplementUpgrade Plan** including testing of all production mappings, sessions, workflows
* **Modified mappings, sessions, workflows** as needed to get them to work as designed in upgraded environment
* **Created test plans** to test mappings
* Solve the unique challenges which require database comparison and data issues.
* Extensively worked on **Performance Tuning** of Session and ETL logic.
* Worked on **Informatica and Database partitions** to optimize the performance

**Environment: Oracle11g, Salesforce connector for Informatica, Informatica PowerCenter 9.1, Cognos, Toad, Solaris 10.1, Windows 7**

**ProjectMarsh & McLennan, Hoboken, NJ Sep’13-Mar’14**

**ETL Developer**

**Project:MSurety(EDW datamart)Application Enhancement**

Marsh & McLennan Companies is the premier global professional services firm providing advice and solutions in risk, strategy and human capital. Through our market leading brands, colleagues in more than 100 countries help clients identify, plan for and respond to critical business issues and risks. MSurety Application Enhancement involves enhancement of the existing J2EE Msurety application. This involved building a reporting Data Mart which gives business users reporting environment to generate bond related canned and ad-hoc reports.

**Responsibilities**

* Discussed **the Business Plans and Canned** reports with the business analysts
* Work very closely with client and vendors for understanding and implementing requirement
* Coordinating meetings (**Offshore and Onshore**) to **Design and Develop ETL Specs** for the requirement
* Conducted meetings with the **clients at various stages** of the project and **coordinated with the off-shore team on a daily basi**s
* **Created a complete Logical and Physical Data Model under a Star Schema** by **Analyzing Dimensions and Measures** from the reports.
* **Extensively used Forward and Reverse Engineering Methods utilizing the available Data Dictionaries**
* **Created HLD and LLD** for ETL Implementation **from Source to Stage and Stage to Dimensions and Facts**
* Created Mappings for Staging and Archiving Data using **Informatica Power Center 9.0** by the **Truncate and Load Method**.
* Used **SCD Type-II to load Facts and Dimensions** to the Data Mart
* Generated **Dynamic Parameter File** using **Data Refresh Table** to Implement the **CDCLogic** to load **Incremental Data**
* Created **Error Table** to capture **Errors and Exceptions** generated while loading Facts and Dimensions
* Created **Load History Table** to Track Loading of various mappings
* **Devised Reconciliation processes through SQL script queries on the Source and the Target**
* Used different Transformations (Expression, Router, Lookup, Filter, Normalizer Source Qualifier etc).
* Worked on various workflow tasks: **Command Tasks, Decision & Assignment Tasks** etc. to schedule workflows.
* Db2 database partitioning implementation in Informatica and set the workflow to implement database key range partitioning.
* Worked closely with Business Objects Team and implemented the **Universe Design from the Dimensional Model**
* Extensively used PMCMD for various chronological jobs (scheduling etc.)
* Migrated the code from dev to Test environment
* Working closely with QA team and involved in **integration testing**

**Environment: Oracle10g client, ERWin 7.3. UNIX, Informatica 8.6**

**ADP, New Jersey May ’13 – Aug’13**

**Informatica Developer**

**Project Name**: **Revenue Tracking forCarriers –Policies and claims**

This project deals with loading all carrier files into the staging area and then loading the achieve table to track revenue for all the H&B carriers so that users can track incoming revenue against expected revenue. This project is implemented in two phases: Phase I--Load all CSV files of different carriers such as HUMANA, Atena, etc. with control file in to carrier commission stage table which has information regarding polices and premium paid amount and agency name etc. Phase II--Truncate and achieve stage table to achieve table Also load in to star schema of revenue tracking systems to generate COGNOS reports on finding fault claims according to business requirement (SCD Type I and Type II loading)

**Responsibilities**

* Analyzed business process and gathered core business requirements.
* Interacted with business analysts and end users and identified the potential bottlenecks.
* **Used Agile software development methodology**.
* **Used Rally** for user stories and downloaded the mapping specs and requirement.
* Involved **in Design & Development** of the **Business Warehouse** model.
* Implemented **Dimension Model** (logical and physical data modeling) in the existing architecture **using ERWin**
* **Designed ETL processes** to populate the fact and dimension tables with staging table data.
* Used Informatica **Power Center Designer** to **extract data** from different data sources.
* Created **Mappings and Mapplets** to load data from source systems into data warehouse.
* Created Different **Transformations** such as **Joiner, Look-up, Rank, Expressions, Aggregator and Sequence Generator** to implement the business rules
* Identified & Implemented **Slowly Changing Dimension** methodology for accessing the full history of accounts and transaction information
* Worked on various workflow tasks command Tasks, Decision & Assignment tasks etc. to schedule workflows.
* **Session Partitioning** for concurrent loading of data in to the target tables to improve the performance.
* **Optimized the performance** of the mappings by various tests on sources, targets and transformations.
* Performed **Incremental Aggregation** to **load incremental data** into Aggregate tables.
* Created **Workflows** using **Workflow Manager** for different tasks like sending **email notifications, timer that triggers when an event occurs, and sessions to run a mapping**.
* Responsible for **enhancing the systems** by implementing **Informatica Standards and mapping, workflow standards**.
* **Migrated code** using**Repository Manager** and used **Static and Dynamic Deployment group** for the migration in QA and staging and production environment.
* **Scheduling of jobs using Autosys**
* Involved in **Creation, Backup, Restoring, and Performance Tuning** of Repository

**Environment: Informatica 9.0.1, Informatica Schedular, Cognos 8.1, SQL developer tool, Erwin7.3, Oracle10g,Windows server 2008 R2**

**AT&T, Atlanata,GA Jan’ 11 - Apr’ 13**

**Informatica Developer**

**Project:OrderTrack**

AT&T,is a leading broadcasting and telecom company headquartered in Philadelphia, PA. The OrderTrack Project deals with tracking the customer orders and new contracts from the point of purchase to the point of delivery. The ETL portion of the process pulls network orders, shipments and invoice data from ORACLE source into the OrderTrack environment. My role in Network OrderTrack was to create and make necessary changes in the application design according to requirement and deploy successfully TNT (track and trace) application. The ETL process consists of three stages: 1.Source to Stage 2.Stage to OrderTrack. 3. OrderTrack to OrderTrack.

**Responsibilities**

* Analyzed the ETL logic to create the OrderTrack Application
* Using Erwin Modified existing data model and created logical and physical data model per requirement.
* Created the High Level and the Low Level Design documents according to the requirements
* Created the ETL logic document and dependency mapping sheet.
* Attended the weekly meetings with the BA’s and Java Developers to update the status of the application design
* Interacted with the data modeler team and **created the data models** according to the requirements.
* **Created Objects** in shared folder of development area in Informatica Power Center.
* **Created Mappings** to load data from various sources to stage area tables
* **Developed Mapping using fixed width flat file and delimited flat file**.
* **Using flat file created change data capture mappings**.
* Developed the **Informatica workflows/sessions** to **extract, transform and load** the
* data into Target Tables.
* **Performance Tuning** of Sources, Targets, mappings and **SQL queries** in transformations.
* Implemented the **Type1 and Type 2 Mappings** and Process **insert/update strategies to load stage tables**
* Created **Mapping Variables** in parameter files to perform ETL process
* Wrote **Pre-SQL and post SQL** queries in source qualifier to maintain the flag to insert and update data
* Wrote complex **SQL queries and PL/SQL procedures** to perform database operations according to business requirements.
* Implemented the **delta loading** to load data from staging area to OrderTrack environment with the timestamp variable and maintained the change source capture in Informatica
* **Wrote the Test cases and Test data to test the created ETL mapping for each schema**
* Identified the **bottlenecks in the sources, targets, mappings, sessions** and **resolved the problems**. Prepared Test Data/Unit Testing /Integrated testing and generated reports and documented various test cases.
* **Tuned Performance** of Informatica Sessions for large data files by increasing **block size, data cache size, sequence buffer length and target based commit interval.**
* Wrote **UNIX scripts** to **maintain the workflows** and to **email** customers and session log files to the development team in case of failures.
* **Document all ETL** related work per company's methodology.

**Environment: Informatica PowerCenter 8.6.1, ORACLE10g, TOAD,Contol-M, AIX 6.1 , Windows XP Professional , RHEL 5.6**

**Chubb&sons, Warren, NJ** **Jan’09- Dec’ 10**

**Informatica Developer**

Project: **MIP Mart**

**Chubb&Sons** is a division of federal Insurance Co, is a 125 year old property and causality insurer with a global presence in more than 27 countries and multibillion dollar annual revenue. The Market Intelligence Platform Mart contained two major Fact Tables which shared dimension tables. My role was to create mappings for two fact tables and dimension tables (Market Place Star and Agency Star) and perform unit test for each mapping.

**Responsibilities:**

* Interacted with Business Analyst team and analyzed the requirements to translate into Technical Specifications.
* Implemented Slowly Changing Dimensions - Type I & II in different mappings as per the requirements.
* As per the requirement, performed Initial loading, monthly loading and weekly cleanup update processing.
* Wrote PRE and POST SQL commands in session properties to manage constraints that improved performance.
* Performed Pushdown Optimization to increase the read and write throughput
* Wrote complex SQL queries and PL/SQL procedures to perform database operations according to business requirements.
* Performed defect fixes in various environments to ensure the proper delivery of the developed jobs into the production environment.
* Document all ETL related work per company's methodology.
* Synchronize Workflows with touch files to ensure proper delivery of data from source to stage to repository to mart.
* Schedule the workflows and using Autosys
* Involved in system end to end testing and performance tuning.
* Prepared estimates and tracked each and every task and strictly adhered to the estimated deadlines.

**Environment: Informatica PowerCenter 8.6,Tivoli DB2 UDB 8.0, Autosys, UNIX**

**OnMobileInc, India Mar’04-Jun’06**

**Software Engineer.**  
The Automated reporting project, aims to generate and distribute the System Usage report. The project consisted of collecting and archiving large volumes of flat data files from different servers through FTP, populating the data and generating report in various formats like Excel, xml etc. The data files are collected from various servers connected to the internet and transferred to the reporting server. The reporter generates the report which is mailed to the email ids configured.   
**Responsibilities**

* Involved in analysis, solution and low level design.
* Imported the data to the database through SQL \* Loader.
* Created PL/SQL packages, procedures and triggers to populate the data and calculate the values required for the report.
* Created shell scripts to run various jobs, and invoke PL/SQL procedures and java programs.
* Created programs in PL/SQL for making different kinds of reports (Excel, XML, and CSV) based on the local configuration file.
* Used Inbuilt Oracle packages (UTIL PACKAGE) for sending out the reports to the email addresses configured.

**Environment: Oracle 8i, PL/SQL, SQL\* Loader, Core Java, HTML, Red Hat Linux.**

**EDUCATION**

* **MS in Computer Science**, New Jersey Institute Of Technology, NJ May 2008
* **MSc, Physics**, MS University of Baroda ,Gujarat,India,2000
* **BSc,Physics**, MS University of Baroda,Gujarat,India,1998
* **ORACLE Certified Professional** (ORACLE 8i) Dec 2001