‍‍Tin Zar

415 Reflections Circle, San Ramon, CA 94583 | 9253245940 | tinzar012015@gmail.com

Professional Summary

10+ years of work experience in IT Industry in Analysis, Design, Development and Maintenance of various software applications and Data Warehousing using Informatica PowerCenter

* Proficient in **Relational Database Management Systems (RDBMS)**.
* Expertise in **Transact-SQL** and in Design and Normalization of the database tables.
* Experience in implementing business logic using **Triggers, Indexes, Views and Stored procedures.**
* Extensive Knowledge of advance query concepts (e.g. group by, having clause, union so on).
* Experience with tools like**SQL Server management studio and SQL Server 2005/2008 integration (SSIS) and reporting services**(**SSRS**).
* Proficient in **Tuning T-SQL queries** to improve the database performance and availability.
* Experienced hands in **Query tuning and performance tuning**.
* Experience in monitoring **SQL Server Performance using SQL Profiler, Index Tuning Wizard and Windows Performance Monitor.**
* Experience in Creating and Updating Clustered and Non-Clustered Indexes to keep up the SQL Server Performance.
* Good knowledge in Normalizing and De-normalizing the tables and maintaining Referential Integrity by using Triggers and Primary and Foreign Keys.
* Expertise in **creating Packages using SQL Server Integration Services (SSIS).**
* Transformation of data from one server to other servers using tools like bulk copy program (BCP), data transformation services, data conversions from legacy systems to SQL server.
* Excellent analytical, communication and interpersonal skills. Proficient in technical writing and presentations and a good team player.

Education

microsoft certified developer (2005)

microsoft certifid professional (2005)

Bachelor of arts (English) (2004)

Technical Skills

**SQL Server Tools:**Enterprise Manager, Profiler, Query Analyzer, SSRS, SSIS

**RDBMS:** Oracle 8i/9i/10g/11g

**Programming Languages:** C# .NET, SQL, T-SQL

**Internet Technologies:** XML. HTML

**Reporting Tools:** Crystal Reports 10, 11, SSRS

**ETL Tools**: InformaticaPower Exchange 9.1, Informatica Power Center 8.1/8.0/8.6/9.0,Informatica Designer,

Workflow Manager, Work Flow monitor

Experience

***Sr. ETL Developer* | VED Software Services USA July 2015 – Present**

Royalty Integration- CFIL Project

The current Microsoft Access database that was developed by Royalty Accounting in 2008 is not adequate to handle the current transactional activity ($500M payments to 279 vendors in FY10-11). Royalty accounting currently has four users with full access to the database and they all share a single database password in violation of Cisco’s password policy. The other IT risks and findings associated with the database include lack of user access controls, lack of audit trail for changes made to data contained within the database, lack of data security which aligns with IT requirements and lack of system documentation.

**Roles and Responsibilities**:

* Designed **ETL** process using Informatica Tool to load from Sources to Targets through data Transformations
* Designed and developed various **Mappings** using reusable **Transformations**according to the business needs
* Implemented various **Data Transformations** using **Slowly Changing Dimensions**
* Used **TOAD for SQL**
* Creating validation and loading the rejected records into the relevant tables and send to the users for re-submitting.
* Involved in design of all the tables and respective column involved.
* Developed stored procedures for validation of files upload by user with Java front end
* Schedule the job through **Automic $Universe third party tool**
* Implemented Slowly Changing Dimensions (Type 2: versions) to update the dimensional schema.
* Monitored workflows and collected performance data to maximize the session performance.
* Acted as point of contact for all **Informatica**, **Oracle PL/SQL** issues.

**Environment:** Informatica Power center 9.1, Oracle 11g, SQL, PL/SQL, UNIX, Automic $Universe, Shell Scripting.

***Sr. ETL Developer* | NCS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  OCT 2010 – MAR 2015**

Inland Revenue Integrated Networks

Description:

IRIN (Inland Revenue Integrated Networks) is fully integrated Taxation Administration System. Enhancement modules in existing IRIN systems (i.e. batches, web, ETL) to ensure smooth running of Client’s Business processes. IRAS is responsible for collecting income tax, property tax, goods & services tax, betting taxes, casino tax and stamp duties.

**Roles and Responsibilities:**

* Interacted with Team and Analysis, Design and Develop database using ER Diagram, Normalization and relational database concept.
* Involved in Design, Development and testing of the system
* Developed **SQL Server Stored Procedures, Tuned SQL Queries (using Indexes and Execution Plan**)
* Developed **User Defined Functions and created Views**
* Designed **ETL** process using Informatica Tool to load from Sources to Targets through data Transformations
* Designed and developed various **Mappings** using reusable **Transformations**according to the business needs
* Created Triggers to maintain the Referential Integrity.
* Reviewed existing business procedures and recommended and implemented changes.
* Responsible for setting preferences for various ad-hoc requests and distribution of tasks.
* Tuned and Optimized SQL Queries using Execution Plan and Profiler
* **Rebuilding Indexes and Tables as part of Performance Tuning Exercise**
* Involved in performing database Backup and Recovery
* Reviewed existing business procedures and recommended and implemented changes.
* Responsible for setting preferences for various ad-hoc requests and distribution of tasks.

**Environment:** Informatica Power center 8.0, Oracle 11g, SQL, PL/SQL, Congos Reports

*eTL DEVELOPER* | Mahindra Satyam | SINGAPORE NOV 2006 – Sept 2010

Cisco Systems Inc

Description:

The client for the project is Cisco Systems Inc. Cisco is one of the Global Market Leaders in manufacturing of network equipment’s. Cisco maintains its own Data Warehouse. Enterprise Data Warehouse (EDW) refreshes 3 times a day, from order management information from Oracle ERP source systems. EDW is the repository for enterprise data. The warehouse provides data to external systems, maintains data in reference tables and enables reporting and analysis. ERP, AE are some of the various systems that are sources of data for the warehouse.

Data is extracted from transactions systems into the warehouse by ODS. It is then copied and loaded into interim tables in the EDW by extract process. A data load processes, then parses, validates and moves the data from interim tables to atomic tables. Through the summarization process, summary tables are built for specific information needs. Not that not all external systems share data with the EDW in a batch-oriented fashion. Some systems may use a database link or other gateway technology to make data sharing transparent. The process execution and control is administered and coordinated by a batch job scheduler. The batch job scheduler is an intelligent utility that manages process execution and dependencies between processes.

**Roles and Responsibilities**:

* Developed **data Mappings** between **source systems** and **warehouse components** using Informatica
* The objective is to extract data stored in different databases such as **Oracle, SQL Server** and to load finally into a single data warehouse repository, which is in Oracle.
* Develop and test **extraction, transformation, and load (ETL)** processes for the EDW.
* Handled time critical Development requirements
* ETL Design Review
* Implemented Materialized Views using **PL/SQL** for loading extended tables
* Performed turning in Database and Informatica mappings.
* Created reusable **Mapplets** and **transformations**
* Development of **the Informatica Mappings, lookups, reusable components, Sessions, Work Flows** etc. (On ETL side) as per the design documents/communication

**Environment:** Informatica Power center 8.0, Oracle 10g/11g, SQL, PL/SQL

etl developer | hp asia pacific   jan 2003 – oct 2006

Helwett-Packard

Description:

**Helwett-Packard (Asia Pacific)** sells and distributes of computers, computer peripheral equipment, and computer etc. HP Asia Pacific serves customers throughout Singapore.

**Roles and Responsibilities**:

* Gathered requirements from business analyst.
* Developed physical data models and created DDL scripts to create database schema and database objects.
* Wrote user requirement documents based on functional specification.
* Created new tables, written stored procedures, triggers for Application Developers and some user defined functions. Created SQL scripts for tuning and scheduling.
* Involved in performing data conversions from flat files into a normalized database structure.
* Developed source to target specifications for Data Transformation Services.
* Developed functions, views and triggers for automation
* Extensively used Joins and sub-Queries to simplify complex queries involving multiple tables and also optimized the procedures and triggers to be used in production.
* Provided **disaster recovery** procedures and policies for **backup and recovery** of Databases.
* **Performance Tuning** in SQL Server 2000 using **SQL Profiler** and **Data Loading**.
* Installing SQL Server Client side utilities and tools for all the front-end developers/programmers.
* Created DTS package to schedule the jobs for batch processing.
* Involved in performance tuning to optimize SQL queries using query analyzer.
* Created indexes, Constraints and rules on database objects for optimization.
* Creation/ Maintenance of Indexes for various fast and efficient reporting processes.
* Used linked tables, pass through queries and many other access features also wrote code in Visual Basic to perform some complex reporting tasks.

**Environment:** Informatica Power center 8.0, Oracle 9i, SQL, PL/SQL