**Professional Summary**

* 12+ years of experience in **Oracle PL/SQL** and 4+ years in **Snowflake** Cloud Data Warehouse, with hands-on expertise in Microsoft Power BI.
* Proficient in all stages of software development lifecycle including requirement analysis, design, development, unit testing, production deployment, and support.
* Experienced in Agile methodology and ceremonies such as user story grooming, sprint planning, and sprint retrospectives. Skilled in breaking down epics into user stories, grooming them, and estimating story points accurately.
* Strong functional knowledge in Product Costing and Hospital Management domains.
* Solid experience in architecting, designing, and operationalizing large-scale data and analytics solutions.
* Extensive experience in developing Snowflake database objects including **tables, file formats, sequences, stages, zero-copy cloning, streams,** and **tasks**.
* Proficient in building Snowpipe and utilizing Snowflake features like zero-cloning, data sharing, and time travel.
* In-depth understanding of Snowflake **multi-cluster size**, credit usage, and multi-cluster warehouses.
* Knowledgeable in using external and internal stages in Snowflake and defining virtual warehouse sizing for various workloads.
* Proficient in integrating data from multiple source systems using Snowflake Cloud Data Warehouse and AWS S3 Bucket.
* Experienced in all stages of BI projects and support work, including requirements gathering, logical and physical design, implementation, testing, deployment, maintenance, and support.
* Creating calculated columns and measures based on report requirements.
* Created Power BI dashboard reports as per business requirements
* Involved in project planning to analyze requirements and outline proposed software solutions. Expertise in tables, views, constraints, and indexes.
* Prepared Low-Level Design (LLD) documents based on functional design.
* Experienced in developing and implementing complete project lifecycle and responsible for end-to-end deployment activities using CI/CD pipeline with GitHub.
* Developed complex database objects like stored procedures, functions, packages, and triggers using SQL and PL/SQL.
* Extensively worked on backend programming using PL/SQL, PL/PGSQL, **stored procedures, functions, packages, database triggers**, and optimizing performance with features like **bulk binds, materialized views, inline views**, and **global temporary tables**.
* Strong expertise in Oracle Database versions 9i, 10g, 11g, 12c, 19c, SQL, PL/SQL, and ETL processes through Oracle PL/SQL.
* Experienced in SQL tuning, statistics collection, and index creation for database access and performance improvement.
* Converted Oracle ETL packages to Informatica mappings and created workflows/sessions.
* Developed Informatica workflows and mappings using various transformations and PL/SQL packages for data extraction, transformation, and loading.
* Working experience with **Control-M**.
* Experienced in resolving and stabilizing customer requirements and issues.
* Proficient in test-driven development and software test automation.
* Hands-on experience in gathering reporting requirements from clients and providing solutions using Crystal Reports.
* Excellent analytical and decision-making skills.
* Ability to build effective relationships with colleagues and regional tech teams.
* Excellent communication, interpersonal, and analytical skills, with the ability to perform as part of a team or individually, and strong client-facing abilities.

### **ProfessionalExperience**

* Working as a Senior Specalist for LTIMindtree, Hyderabad from Oct2024 to tilldate.
* Worked as a Sr.Software Programmer for Dell Technologies, Hyderabad from Dec2018 to Sep2024.
* Worked as a Software Programmer for Suvarna Technosoft Pvt Limited. (An ISO 9001-2000 Certified company), Hyderabad from Jul2010 to Nov2018.

### **Academic Qualification**

**B.E**(EEE) in SVCET, Tamilnadu, under Anna University in the year of 2005 - 2009.

### **TechnicalProfile**

* **Operating Systems**: UNIX, Windows Family
* **Programming Languages :** SQL, PLSQL
* **Databases**: Oracle 11g, 12C and 19C.
* **Reporting Tools**: Crystal Reports, Microsoft Power BI
* **Development Methodologies**: Agile/Scrum, Waterfall
* **Configuration tools:** VSTS, GIT
* **Scheduler:** ControlM
* **Oracle Tools:**PL/SQL Developer, Toad, SQL \*Loader.

### **Professional Experience**

**#1. End to End Cost Program 2018 Dec – 2024 Sep**

* Technologies : Oracle Pl/sql, Informatica, Linux, Kafka, Snowflake, Microsoft PowerBI.

**Description:**

The project “**E2E Cost** “is one of the outputs of a number of Value Stream Mapping (VSM) sessions that were held as part of the Client Reinvention effort of Dell.  The issues of timeliness and accuracy for fully landed product cost (FLC) had been raised as problems repeatedly that needed to be addressed urgently. A cross-functional, cross-BU team spent a number of weeks examining the current state process and tools and then delineated a **desired future state process** with tool/system requirements.

The End to End Product Cost program was part of the VSM findings to improve the accuracy, timeliness and accessibility to product cost data for operational decision-making in an efficient manner through an integrated IT solution. The end-result will be improved gross margins through improved cost accuracy, timeliness of product data, and organizational effectiveness.

Centralization of all of the Business Intelligence related to deriving a cost forecast for all of Dell’s Product Costs on a Global basis.

Business Value/Benefits:

* **Centralize** all calculation logic and Cost Forecast processing into a single SOR (PO Logic, Smart Selection and 18-month rollover)
* Globalize cost rollup (Part🡪Mod🡪SKU)
* Update downstream systems through a **standardized and global process**
* **Cost timeliness** – improve performance and cycle times (3 to 5 days of cycle time)
* **Improve data quality** for the Standard Cost at part number and product level.

This will cater to the needs of DELL users worldwide and will serve as a critical tool for pricing and costing team

**Responsibilities:**

* Created database objects such as tables, views, materialized views, sequences, synonyms, and table/column constraints, indexes forenhancement.
* Written complex SQLs using joins, analytical functions, subqueries and correlated subqueries.
* Developed Oracle Stored Procedures, Functions , Triggers and Packages to effectively Incorporate Business rules(To rollup the cost from Part to Sku level ).
* Used PL/SQL Tables, Ref Cursors to process huge volumes of data and used bulk collect and bulk bind for mass update as performance improvement process.
* Worked with Dynamic SQL, Global Temporary Tables and JSON Objects.
* Analyzing tables and indexes for performance tuning, Involved in SQL Tuning by creation of indexes, rebuilding Indexes using Explain Plan.
* Partitioned very large database tables to improve performance.
* Created linux shell Scripts .
* Monitoring the Control-M Jobs and fixing the issues in case of Job failure .
* Code check in by using GIT.
* Writing complex Snow SQL scripts in Snowflake cloud data warehouse to Business Analysis and reporting.
* Performed data quality checks to improve the performance of loading and unloading.
* Used COPY, LIST, PUT and GET commands for validating internal and external stage files.
* Implemented several DAX functions for various fact calculations for efficient data visualization in Power BI.
* Created calculated columns and measures using DAX in Power BI based on report requirements.
* Create Power BI dashboard reports as per the business requirements.

**#2. PIMS(Pharmacy Information Management System)-NHF 2014 Mar – 2018 Nov**

* Technologies : Postres Sql ,PGsql, Oracle PL/Sql, Visual Studio 15, Crystal Reports 10

**Description:**

PIMS manages stock, billing, and insurance processes across multiple locations to ensure smooth purchasing and prevent stockouts. It covers inventory management, forecasting, valuation, visibility, and quality control.

**Modules:**

* **Purchase**: Manages purchasing activities, from receiving indents to generating vendor contracts and purchase orders, with comprehensive reporting.
* **Stores and Inventory**: Handles requisitions, goods receipts, issue vouchers, returns, stock transfers, and physical stock verification, with detailed reports.
* **Clinical**: Manages prescription entry, drug filling, verification, receipt collection, dispatch, and refills, integrating with token systems, scanners, and insurance adjudication.
* **Patient Financial Services (PFS)**: Automates claims processing, generates patient statements, handles due collections, refunds, and provides financial reports.
* **Token System**: Reduces manual work with queue management for prescription submissions, payments, and drug dispatch.

**Responsibilities:**

* Involved in design,coding and Testing.
* Collected User Requirements by participating in meetings and studying existing System. Creating E-R diagrams, Function Hierarchy Diagrams.
* Created database Objects like Tables, Views, Materialized views, Sequences, Synonyms, Stored Procedures, Funtions, Packages, Cursors, Ref Cursors, Triggers and Collections.
* Involved in modifying various existing packages, procedures, functions and triggers according to business needs.
* Wrote Complex SQL Queries using joins, Sub queries and correlated sub queries to retrieve data from database.
* Performed DBA Activites like Export and Import by using EXP And IMP Utilities.
* Used Explain Plan for query optimization.
* Wrote test case and performed Unit testing.

**#3. Hospital Information & Management System (HIMS)2012 Sep – 2014 Feb**

* Technologies : Postres Sql ,PGsql, Oracle PL/Sql, Visual Studio 15, Crystal Reports 10

**Description:**

The Suvarna HIMS covers various types of operational modules which are used in a typical hospital environment. These HIMS modules are tightly integrated to form a highly structured and effective health care management system which delivers the best solutions.

Suvarna successfully deployed solutions for hundreds of customers who have given us a very strong base of quality experience, which we leverage for their clients in various capacities. Suvarna clients are completely supported and empowered in their journey towards perfection through their quality solutions. Every product or services we provide meets or exceeds every current Industry standard for organizations who want the best value in the products they buy.

HIMS feature the following modules. Security & Admin (Role Creation, User Creation, Role assignmentetc), Organization Policies/Rules Configuration, Master Management (Back Office module for managing several entities in the Organization like Specialty, Doctor, Procedure, Service, Package, Operation Theatres, Ward or Room, Bed etc.), Contract Management, Front Office, Patient Registration, Out Patient Billing(General, Package, Corporate& Insurance), Inpatient Management, Inpatient Billing(General, Package, Insurance, Corporate), Ward/Room/Bed Management, Nursing Desk, Doctor Desk, Medical Records, LIS(Laboratory Information System), RIS(Radiology Information System), PACS(Picture Archiving and Communication System), QMS(Queue Management System in Several Waiting areas), Accounts, Integrations(Tally, LIS, RIS, TV) and Doctor Payments.

HIMS modules are designed to be compliant with the following standards HL7, DICOM, HIPPA and related standards which are defining the health care industry today.

**Responsibilities:**

* Involved in design,coding and Testing.
* Collected User Requirements by participating in meetings and studying existing System. Creating E-R diagrams, Function Hierarchy Diagrams.
* Created database Objects like Tables, Views, Materialized views, Sequences, Synonyms, Stored Procedures, Funtions, Packages, Cursors, Ref Cursors, Triggers and Collections.
* Involved in modifying various existing packages, procedures, functions and triggers according to business needs.
* Wrote Complex SQL Queries using joins, Sub queries and correlated sub queries to retrieve data from database.
* Performed DBA Activites like Export and Import by using EXP And IMP Utilities.
* Used Explain Plan for query optimization.
* Wrote test case and performed Unit testing.

**#4. Equipment Management System(EMS)2010 Jul – 2012 Aug**

* Technologies : Postres Sql ,PGsql, Oracle PL/Sql, Visual Studio 15, Crystal Reports 10

**Description:**

The EMS system efficiently manages hospital equipment maintenance requirements. Proper scheduling is critical to reduce equipment failure rates, achieved through timely alerts and reminders. Our software supports maintenance schedule entry and tracks necessary details.

The process starts from equipment purchasing, installation, and training scheduling. Post-installation, we track warranty, maintenance, loan, and insurance details, ensuring comprehensive maintenance records. Equipment movement across departments is monitored, capturing complaints and managing service processes. Alerts are provided for maintenance periods and entries.

**Responsibilities:**

* Involved indesign,coding and Testing.
* Collected User Requirements by participating in meetings and studying existing System. Creating E-R diagrams, Function Hierarchy Diagrams.
* Written the code for vb 6.0 for developing the application like creating dll’s, ocx controls and standard applications.
* Created database Objects like Tables, Views, Materialized views, Sequences, Synonyms, Stored Procedures, Funtions, Packages, Cursors, Ref Cursors, Triggers and Collections.
* Involved in modifying various existing packages, procedures, functions and triggers according to business needs.
* Wrote Complex SQL Queries using joins, Sub queries and correlated sub queries to retrieve data from database.
* Created the different types of crystal reports as per business requirements.
* Performed DBA Activites like Export and Import by using EXP And IMP Utilities.
* Used Explain Plan for query optimization.
* Wrote test case and performed Unit testing.

(Rajesh kumar Koraganti)