### **Professional Summary**

* **11+ years** of experience as an **ORACLE PL/SQL ,POSTGRES PL/PGSQL**
* Involved in Requirement analysis, Design, Development, Unit Testing , Production Deployment and Support.
* Experience in **Agile methodology** and all sorts of agile ceremonies (user story grooming, sprint planning, sprint retrospective).able to break the larger epics into smaller user stories,groom user stories and make accurate estimates through story points.
* Working Experience in Supply Chain and Hospital Management Domain.
* Solid experience and understanding of architecting, designing and operationalization of large-scale

data and analytics solutions.

* Have complete knowledge on end to end Data Migration activities like ETL designing and implementation using Informatica
* Involved in project planning to analyze requirements and outline proposed software solutions Expertise in **Tables, Views**, **Constraints** and **Indexes**.
* Prepared Low Level Design (LLD) document based on functional design.
* Experience in developing and implementing complete life cycle of project and responsible for E2E deployment activities using CI\CD pipeline using 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 using the latest features to optimize performance (Bulk Binds, Materialized views, Inline views, Global Temporary Tables).
* Strong in ORACLE Database 9i,10g, 11g,12C, 19C SQL, PL/SQL and Extraction, Transformation and Loading data through Oracle PL/SQL .
* Expertise in SQL and PL/SQL programming, developing complex code units, database triggers and using the latest features to optimize performance (Bulk Binds, Materialized views, Inline views, Global Temporary Tables).
* Experience working with large data sets using partitions to improve performance .
* Experience in SQL tuning, collection of statistics and creation of indexes for database access and indexing the required columns.
* Upgrade of PostgreSQL-Servers and oracle upgrade from 12C to 19C.
* Experience in Data import and data migration from another PostgreSQL server DB’s by using PostgreSQL FDW/dblink.
* Converted all Oracle ETL Packages to Informatica Mappings and created workflows/Sessions.
* Developed Informatica workflows ,Mappings using various Transformations and PL/SQL Packages to extract,transformation and loading of data.
* Experience in implementing TLS & SSL security.
* Experience in Analysis, Design and Implementation of Business Intelligence Solutions.
* Working experience with Unix/Linux -Experience with Control-M .
* Experience in resolving and stabilizing customer requirements and issues.
* Experience with test-driven development and software test automaton.
* Hands on gatheringReporting requirements from client and providing solutions by using **Crystal Reports**.
* Excellent analytical and decision-making skills.
* Ability to build effective relationships with colleagues, regional tech teams.
* Excellent communication, interpersonal, analytical skills and ability to perform as part of a team or individually and profound client facing ability.

### **ProfessionalExperience**

* Working as a Sr.Software Programmer for Dell Technologies, Hyderabad from Dec2018 to TillDate.
* 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**

* **Programming languages**: Python
* **Operating Systems**: Linux, UNIX, Windows and Windows Server
* **Databases**: SQL Server, Oracle, POSTGRES
* **Development Methodologies**: Agile/Scrum, Waterfall
* **Configuration tools:** VSTS, GIT
* **Testing Tools:** JIRA
* **Scheduler:** ControlM

### **Professional Experience**

**#1****.** **Product Cost Configurator**

* Technologies : Postres Sql , PGsql, Oracle, Python, Informatica, ControlM

**Description:**

View fully landed cost data across all business units (BU) of the company, regions, and across many different functional groups. Fully landed cost (FLC) is defined for this project to include all material, overhead/burden (transformation adders), warranty, other adders (corporate or region/SBU specific). It is critical for the success of the company to have accurate and timely cost data in order to be able to make pricing and profitability decisions on specific products. In addition, timely accurate cost data is required by PG in the on-going evaluation of new product offerings as well supporting the continuous cost improvement efforts on sustaining products. Timely and accurate cost data is required for pre-production products (pre-RTS) and for production products (sustaining). The existing tools and process for performing fully landed cost analysis are highly manual and not-integrated, which results in excessive time and errors in the end-state fully landed cost analysis. While there are many different functional groups involved in the costing process in the different regions, the key groups that are responsible for the assembly and analysis of fully landed product costs are PG Finance and PG Pricing.

The cost that will be included in Fully landed cost (FLC) for this project includes:

* material,
* overhead/burden (transformation adders),
* warranty,
* other adders (corporate or region/SBU specific).

**Responsibilities:**

* Review the system architecture & design and provide the solution to make the system stable and improve the performance.
* Involved in Requirement analysis, Design, Production Deployment.
* Directing and overseeing day-to-day operations to include delivering to SLAs and end-to-end quality targets.
* Co-coordinating the team and monitoring the progress to complete the task.
* Created database objects such as tables, views, sequences, synonyms, and table/column constraints, indexes forenhancement.
* Written complex SQLs using joins, analytical functions, subqueries and correlated subqueries.
* Developed PL/PGSQL Functions , Triggers to effectively incorporate Business rules.
* Creating partitions & sub partitions to process huge volumes of data.
* Data import and data migration from another PostgreSQL server

DB’s by using PostgreSQL FDW/dblink.

* Analyzing tables and indexes for performance tuning.
* Involved in Tuning by creation of indexes, rebuilding Indexes using Explain Plan.
* Partitioned very large database tables to improve performance.
* Implemention of CR’s according to the Bussiness Requirement.

**#2. End to End Cost Program**

* Technologies : Oracle Pl/sql, Informatica, Linux, Golden Gate, Rest API, Kafka

**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.

**#3. PIMS(Pharmacy Information Management System)-NHF 2015 Oct – 2018 Nov**

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

**Description:**

The Pharmacy Information Management Systemis primarily about specifying stock management,Billing to patients and insurance processes. PIMS is required at different locations within a facility or within multiple locations of a supply network to protect the regular and planned course of purchasing against the random disturbance of running out of materials or goods. The scope of PIMS also concerns the fine lines between replenishment lead time, carrying costs of inventory, asset management, inventory forecasting, inventory valuation, inventory visibility, future inventory price forecasting, physical inventory, available physical space for inventory, quality management, replenishment, returns and defective goods and demand forecasting, Patient Billing, Insurance processes, patient Returns, Accounts related to Patient and to Pharmacy.

Purchase: This module handles all purchasing activities like receiving purchase indents from various locations and departments, placing Enquires, Collecting Quotations, online Quotations Entry, Preparing Quotation statement (QCS), Quotation Comparison, and based on Quotations generating Vendor Contracts, raising Purchase Orders ( General, Service, Job Work ), raising Material Receipt Register (MRR), passing Bills and generating reports like stores requirement Vs Supply, PO Registers, Pending Pos, Receipts against POS and various MIS reports.

Stores and Inventory: This module handles the functions like placing Requisitions, raising Goods Receipts Register(GRN) (General, Job Work), raising Issue Vouchers, Receiving Material Returns from departments and locations. Stores Transfer Requisition Note, Stock Transfer Note, Physical stock Verification Note, Stock Adjustment Note etc., and various reports like Pending Requisitions, Stock transfer Note etc., Various documents like pre printed DC, Pre printed STN and MIS reports like Item Wise stocks at store, Stocks below Minimum level, Reorder level and above Maximum level reports. Slow moving, fast moving, Non-moving item reports, weighted average valuation, Stock quantity and value analysis etc., have been generated.

Clinical: This Module handles Prescription Entry, based on Prescription entry Drugs Filling, Verification, Receipt Collection from patient, Dispatch of Drugs to patient, Refillsagainst to pending Rx number from various locations of stock points. Here different integrations with Token System, Scanner, Signature Pad, online adjudication of patient insurance for CINICO, for some insurances claim process using Electronic Data Exchange, Showing Allergies and Interactions with Med span Integration, Online Refills Request for patient.

PFS (Patient Financial Services) :Automatic Claims Process, generation of patient Statements monthly, Claims Receiving, Due Collection from patient, Refunds based on Patient Returns and Excess amount from Insurance companies, generation of Patient Account with all the above concepts.Provided different types of reports like Patient Statements, Claims pending and processed, Age Trial Balance to calculate Patient outstanding dues with pending number of days.

Token System: To reduce manual work using queue management system in different areas when Prescription submissions, Receipt Payment, Dispatch of drugs.

**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.** **Pharmacy Information Management System (PIMS) for HSA 2014 Mar – 2015 Sep**

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

**Description:**

* This is almost like **Project#3** but some major little modifications in flow and their specific requirements
* In this project the major feature integrates more than one insurance claim can be adjudicated electronically.
* Initially for every item in the bill, send the request through the TCP/IP Connection and will get the response from the insurances. After getting the response, showed in the screen from which insurances, how much amount is adjudicated for COB (Comination of Benefits).
* Here integrated with the Great Plains Integration for the revenue information.
* Token concept, From the patient pick up the token and the process like prescription, filling, billing and dispatching maintaining the information for waiting time of the token for entire process.

**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.

**#5. 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.

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

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

**Description:**

EMS system has an advanced feature of managing the various types of equipment maintenance requirements which are presented by a hospital. Proper scheduling of equipment maintenance is a critical aspect of a hosptial’s management. Reducing the failure rates of equipment is possible through our modules which ensure that timely alerts and reminders are always created to ensure timely maintenance. Our software also supports maintenance schedule entry and tracks the various aspects these items as required by the hospital.

Hearhow the equipment is a process starts from purchasing and after reaching the hospital, we are tracing how the equipment installation will be done and how the training process will be scheduled.

After the installation process, we track the information like warranty, maintenance details, loan and insurance details. Based on these information we maintain the maintenance details of the equipment. After this how the equipment moved to the different departments.

From the departments capturing the complaints against to the equipment and how the service process will be done against the complaint and closing that complaint. Giving the alerts when the maintenance period came over and entry of maintenance done.

**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)