**Experience Summary:**

* **13+** years of IT industry experience in Business Analysis, proposing solutions, designing, Data Modeling, Data Architecture, Data Warehousing and Data Analytics platform.
* Hands-on experience with Snowflake utilities such as SnowSQL, Internal & External Stages, Data Sampling, Cloning, Snow Pipe, Python, Tasks, Streams, Time travel, Search Optimization Service(SOS), Metadata Manager (Caching, Clustering), Data sharing, stored procedures, External Tables and External Functions.
* Excellent skills in designing ER modeling for OLTP and dimensional modeling for OLAP.
* Strong experience in Dimensional Modeling using Star and Snowflake Schema, Identifying Facts and Dimensions, Physical and logical data modeling using Erwin and ER-Studio.
* Strong experience in ELT (Extraction, Loading and Transformation) tools such as Matillion and SnapLogic to load data from heterogeneous sources to Cloud Data Warehouses.
* Strong experience in Dimensional Modeling using Star and Snowflake Schema, Identifying Facts and Dimensions, Physical and logical data modeling using Erwin and ER-Studio.
* Experience in ETL techniques and analysis and reporting including hands-on experience with the data analytics tools such as Power BI and Tableau.
* Expertise in Tableau desktop, Tableau server, Tableau Prep Builder, and Microsoft Power BI.
* Proficient in gathering business requirements, analyzing, and preparing technical specifications including data modeling, designing, developing coding logic flowcharts and data flow diagrams.
* Developed high quality PL/SQL code that accurately reflects business requirements, in accordance with established schedules, Software Development Life Cycle and test methodologies.
* Experience in Query optimization, performance tuning and DBA solutions and implementation experience in complete Software Development Life Cycle.
* Strong knowledge of relational databases and Oracle E-Business Suite back-end design, expertise with Oracle tools (Forms &amp; Reports, XML/BI publisher, Discoverer, PL/SQL, SQL\*Loader).
* Excellent communication and interpersonal skills, self-motivated, quick learner, team player.

# Area of Expertise:

Data Warehousing | Google Cloud Platform (GCP) |Amazon Web Services (AWS) - EC2, S3 | Microsoft Azure | Oracle | Data Modelling| Data Structures | Data Visualization | Data Mining & Analytics | Oracle Database |Python Programming | Matillion | PLSQL |Power BI | SA

# Technical Expertise:

|  |  |
| --- | --- |
| * Language | * C, C++, Java, SQL, PL/SQL, Python. |
| * Database | * Oracle19c, Netezza, Aurora DB, Exadata, MS SQL Server, PostgreSQL, Teradata, MS Access, NoSQL, MongoDB, DynamoDB |
| * Cloud Technologies | * AWS, Azure, Snowflake |
| ETL tools | Matillion, SnapLogic, Informatica |
| Business Intelligence tools | Microsoft Power BI, Tableau, BI publisher, OBIEE |
| Tools | Autosys, DBeaver, Airflow, Linux/Unix Shell scripts, Toad, SQL Developer, Jira, Bit bucket, GitHub, Bamboo, Jenkins. |

# Professional Summary

**Client: Cisco Systems Inc. May’21– Present**

**Project: Connected Lifecycle Data Management**

**Environment**: **Snowflake**, Erwin, **Apache Airflow**, PostgreSQL, Oracle Database, Exadata, MS SQL, Tableau, **Matillion** ,LINUX, **AWS S3**, AWS IAM, **Lambda**, SNS, SMS, Confluence, Jira, Bit bucket, Bamboo, **Tableau**, Autosys, **Microsoft Power BI**, Informatica.

**Role: Snowflake Architect / Data Lead**

**Cisco** delivers innovative software-defined networking, cloud, and security solutions as well as telecommunications equipment and other technological services.

**Connected Lifecycle Data** (CLD) enable data as a Service for Functional needs of Services business to drive faster business outcomes leveraging business-ready data services for operational analytics, machine learning, and APIs to power workflows and decision-making process

**Responsibilities:**

* Responsible for developing **processes** and **procedures** for **data management** across an organization or within the scope of a project.
* Provided technical leadership and data solution for ingesting data from multiple sources (on-premises and cloud) like Oracle, **Salesforce**, **Elastic Search**, MongoDB, PostgreSQL, MySQL etc to **Snowflake** via **AWS S3**.
* Developed open-source files using **Python** in **Apache Airflow** to programmatically author, schedule, and monitor **workflows**.
* My expertise lies in **Data Modeling**, Database design and implementation of **Oracle**, **Teradata**, **SQL Server**, DB2, NoSQL Databases like **MongoDB** databases, **Snowflake** cloud data warehouse and Administration, Performance tuning etc.
* As a part of Connected Lifecycle Data Ingestion team, responsible for programmatically authoring, scheduling, orchestrating, and monitoring data pipelines and workflows using **Apache Airflow** and supporting business users with **DAG** failures.
* Hands on experience with Snowflake cloud data warehouse and **AWS S3** bucket for integrating data from multiple source systems which include loading nested **JSON** formatted data into snowflake tables.
* Hands-on experience with Snowflake utilities such as **SnowSQL**, Internal & External Stages, Data Sampling, Cloning, **Snow Pipe**, Python, **Tasks, Streams, Time travel**, Search Optimization Service (SOS), Metadata Manager (Caching, Clustering), Data sharing, and Stored procedures, External Tables and External Functions.
* Worked on **ETL** and **ELT** techniques for reporting and analysis using tools **Power BI** and **Tableau,** and ELT (Extraction, Loading and Transformation) tools such as **Matillion** and **SnapLogic** to load data from heterogeneous sources to Cloud Data Warehouses.

**Client: Valiance Partners Apr’19 – Mar’21**

**Project: SF Central Migration**

**Environment**: **Snowflake**, Erwin, **Apache Airflow**, PostgreSQL, Oracle Database, Exadata, MS SQL, Tableau, LINUX, **AWS S3**, AWS IAM, **Lambda**, SNS, SMS, Confluence, Jira, Bit bucket, Bamboo, **Tableau**, Autosys, **Microsoft Power BI**, Informatica.

**Role: Senior Data Engineer**

**Valiance** Partners are experts in critical data migrations when compliance and accuracy are at stake.

**Snowflake (Cloud Data Platform)/SF Central Migration:** SCVDx (Supply chain Vendor Data) data that comes from different external vendors like Suppliers, HUBs etc was previously landing in MSE Oracle Database which is now repointed to land in MongoDB and from there, all the historical and incremental JSON format data has been loaded into snowflake tables in a batch wise using python framework.

**Responsibilities:**

* Involved in data migration from various sources to Snowflake using the built in framework to pull incremental and one time data from different sources
* Experience using Snowflake **SQL API** to access and update data in a Snowflake database.
* Worked on continuous Data Load using Snowflake utilities like **Tasks, Streams & Snow pi**pe on the raw data for few objects which requires live data refresh
* As part of Data first team, involved in the Transformations of SCVDx raw **JSON** data has been split and flatten at target and transformed into required business need and populated in to the following list of snowflake target tables (entities)
* Expertise in using Snowflake inbuilt functions like cast, Flatten, Lateral Flatten, Lead, Conditional Change event, conditional true event, partition by, regexp\_replace etc. to fulfil the business requirement.
* Data Load from **AWS S3, Google GCP & Microsoft Azure** hand’s on experience

**Professional Experience: Verizon May’18 – Apr’19**

**Project:** Verizon 5G network hardware and One Fiber

Role: Lead ETL Developer

**Environment**: Oracle Database, **Exadata**,MS SQL, **Tableau**, Informatica,LINUX, Athena, **Oracle Applications R12**, 11.5.10, Oracle APEX, Autosys, **Microsoft Power BI**. Winscp, TOAD, Shell Script, UNIX, Service Now, JIRA, Tableau 2019.1, **OBIEE**.

**Verizon** offers wireless and wireline communications services and products such as corporate networking solutions, data center and cloud services, security and managed network services, and local and long-distance voice services.

Provide technical leadership and data solution for developing reporting applications for the **Verizon 5G network** hardware and **One Fiber** projects and alignment of technical solution to solve customer business problems.

**Responsibilities:**

* Involved in design, develop, and maintain the databases or models that can be used in various reporting processes such as **Tableau**, **Business** **Intelligence** and meet the business requirements of end users such as the Business Process Manager or Project Manager.
* Worked in **ETL**, Data Architecture, **Data** **Modeling**, Data analysis and profiling, Metadata Management, Reference Data Management and Master Data Management.
* Worked with data owners, Business Units, Data Integration team and customers in fast paced Agile/Scrum environment.
* Optimize system performance using Oracle performance tuning techniques such as **query** **plan** understanding and management, **SQL** tracing, **DB stats**, **indexing** techniques, and AWR reports.
* Design **data integration** between homogenous and heterogeneous databases such as Oracle and SQL; utilize tools and concepts including, but not limited to, SQL loader, database links, flat files, and Golden Gate.
* Involved in **Dimensional modeling** (Star Schema & snowflake schema) of the Data warehouse and used Erwin to design the business process, dimensions, and measured facts.

**Client: S&P Global (formerly The McGraw-Hill Financials), NY Mar'12 – Apr’18**

**Project: Platts**

Role: Senior Oracle Developer

**Environment:** Remedy, Oracle Database 10g, **Oracle Applications R12 Application**, Object Library (AOL), Winscp, Putty (FTP), JDeveloper 11g, HPPPM (used for Migration and FD-TD version managing and repository), PVCS (used for code version management), PL/SQL Developer. TOAD, **Oracle Report Builder** (10g), Informatica, Microsoft Share point

**S&P Global Inc (SPGI)** is a provider of financial intelligence solutions. It offers credit ratings, benchmarks, data, and digital and traditional financial research and analytical tools to the capital and commodity markets globally.

Provided technical and Functional Support (FAST) of both Oracle Cloud ERP Applications and Oracle E-Business Suite modules, interfaces, and other related applications to ensure systems are technically and functionally sound and available.

**Achievements**: Designed and developed automatic product creation from spreadsheet. This program was needed at the time of large acquisitions. Large number of Master Items and Product Bundles needed to be created manually at the time of acquisition of another company. Product pricing and modifiers was also a part of this process. With the help of this process the time has been reduced drastically.

**Client: Chicago Park District, Chicago, IL                               Nov'10 – Mar'12**

**Project: Oracle 11i Implementation, Configuration and maintenance**

Role: Oracle Developer/Forms and Reports Developer

**Environment:** Oracle Applications (11.5.10), Oracle 9i, Oracle HR, Payroll, AP, AR, PO, FA, PL/SQL, VB Scripting, Shell Scripting, SQL\*Plus, SQL\*Loader, Forms 4.5, Reports 2.5, JAVA/J2EE, Windows NT.

The **Chicago Park District** (CPD) Information Technology Department develops, implements and maintains all technology utilized by the Park District. This includes hardware and software applications for enterprise-wide computer systems, desktop and network equipment, telephony systems and the public web site

Supported **Oracle HRMS** process data and designed/built custom Oracle forms (like Dispatch, Pack out Screen, PPR control panel) for payroll process.

**Client: US STEEL, Pittsburgh, PA                Nov'08 – May'10**

**Project: Oracle SOA and PLSQL Servers configuration, development and maintenance.**

**Role: Oracle SOA/ PLSQL Developer**

**Environment:** Oracle9i, Windows NT, SQL \*Plus & PL/SQL, TOAD 8.6. Oracle Application Server 10g, **Oracle SOA Suite 10.1.3.4**, **Oracle SOA suite 11g**, Oracle 10g Database Enterprise Edition, Developer 10g, **BPEL**, **ESB**, **BAM**, Oracle Applications 11i

United States Steel Corporation (**U.S. Steel)** is an American integrated steel producer headquartered in Pittsburgh, Pennsylvania, with production operations primarily in the United States of America and in Central Europe. The company produces and sells steel products, including flat-rolled and tubular products for customers in industries across automotive, construction, consumer, electrical, industrial equipment, distribution, and energy. Operations also include iron ore and coke production facilities

**U.S. Steel** implementedan ERP system, Oracle's E-Business Suite, to streamline production and business operations in the areas of Manufacturing, Accounting, Human Resources, Procurement and Order to Cash.

**Client: World Fuel Services, Miami, FL                         Jun' 07 – Oct'08**

**Project:**STARS (Secure Tracking Request Access System)

**Role: Oracle SOA/ PLSQL Developer**

**Environment:**SOA Suite 10.1.3.5.1, OSB 10.3.1, WLS 10.3.1, BAM 10g, OWSM 10g, Oracle 10g DB.

**STARS** (Secure Tracking Request Access System) is an integration of PeopleSoft (HRMS) with multiple systems such as OIM (Oracle Identity Management), Service Now, Centerstone, Prowatch and other legacy systems. Designed code and other components using Oracle forms/Reports to create reports, implementation schedules for software upgrades, and new software for in-development business applications.

**Education:**

* (**B.E**) Bachelors in Electronics and Communications from VTU (Visvesvaraya Technological University), India