**Anusha**

**Professional Profile**

* Around 10 years of Professional experience as a Postgres SQL Database Admin/ Developer dealing with SQL server, Business Intelligence tools on various versions of SQL Server. Worked widely on almost all the versions of SQL server like 2012/2014.
* Visionary, resourceful, productive, Technical Leader ETL, BI, DWH, MDM with 6 years of specialty expertise in deploying, designing, and developing Data Warehousing, MDM and Business Intelligence solutions in Banking, Healthcare, Government, and retail domains.
* Experience in architect and deploy the reliable AWS RDS Aurora Postgres.
* Good knowledge of System Development Life Cycle (SDLC).
* Extremely efficient in writing T - SQL scripts to develop complex Stored Procedures, SQL joins, Tables, Views, User Functions, Triggers, Temporary Tables and Ranking Functions.
* Proficient in using Power BI
* Extensive experience in Automating DBA Tasks using PowerShell.
* Provided primary SQL server support and actively involved in ON-CALL DBA Responsibilities.
* Installing and Configuring PostgreSQL from source or packages on Linux machines.
* Experience on Migrating SQL database to Azure data Lake, Azure data lake Analytics, Azure SQL Database, Data Bricks and Azure SQL Data warehouse and Controlling and granting database access and Migrating On premise databases to Azure Data lake store using Azure Data factory.
* Strong development skills with Azure Data Lake, Azure Data Factory, SQL Data Warehouse Azure Blob, Azure Storage Explorer.
* Administrated PostgreSQL databases throughout SDLC including the non-production (Sandbox, development, test,) and production environment.
* Experience in upgrading DB2 UDB databases and applying fixpacks to keep DB2 at most recent level
* Basic Qualifications Minimum 1 year of designing and implementing a fully operational production grade large scale data solution on Snowflake Data Warehouse.
* Design detailed Migration plans for workloads from any platforms to AWS.
* Proficient in MS SQL Server, Expert Knowledge of Integration Services (SSIS), Reporting Services (SSRS) and Analysis Services (SSAS).
* I have worked with PostgreSQL databases as support where I migrated data from oracle to PostgreSQL in AWS cloud.
* Worked on Shiny and R application showcasing machine learning for improving the forecast of business.
* Experienced and passionate developer implementing new emerging Microsoft-related technologies like PowerApps, Flow, and Power BI.
* Familiar with data architecture including data ingestion pipeline design,Hadoop information architecture, data modeling and data mining, machine learning and advanced data processing. Experience optimizing ETL workflows.
* SQL DBA activities include Installation, configuration, importing/exporting, patch installs, capacity planning, backup and recovery of mission critical databases.
* Automated recurring reports using SQL and Python and visualized them on BI platform like Tableau or QlikView.
* Developed predictive models using Python & R to predict customers churn and classification of customers.
* Hands-on experience with Amazon EC2, Amazon S3, Amazon RDS, VPC, IAM, Amazon Elastic Load Balancing, Auto Scaling, Cloud Front, Cloud Watch, SNS, SES, SQS anpostgred other services of the AWS family.
* Microsoft Dynamics CRM Admin and software coordination/training for newly CRM installed groups
* Created automated T-SQL scripts to process summary database transactions that run off-hours.
* Interacted with Various business user groups for gathering the requirements for Salesforce implementation and documented the Business and Software Requirements.

**Technical Skills**

Operating Systems: Windows NT/98/2000/XP/2003 Server, Unix, Linux, Sun Solaris, AIX 6.1, and Sun OS 5.10

Languages: T-SQL, PL SQL, CSS, HTML, ASP.NET, C#, .NET Framework, C, GitHub

Data Warehouse Tools: SSIS, SSRS, SSMS, Business Intelligence Development Studio, DTS, Enterprise Manager, SQL Profiler, power BI, Looker 4.1 to 5.10, Tableau

Databases: MS Access, MS SQL Server 2000/2005/2008/2012, Oracle 8i/9i/10g

Tools/Utility: SQL Server Management Studio (SSMS), Database Tuning Advisor, DTS, Analysis Manager, BCP, SQL Profiler, Jasper Server and MDAX, ITIL

Reporting Tools: Excel, SQL Server Reporting Services 2012,2008,2005

Other Tools: MS Office, Visio, MS Excel, MS-Project 2000

**Professional Experience:**

**Cigna, Cincinnati, OH Jan 2021 – Dec 2023**

**Role: Postgres Database Admin/Analyst**

**Responsibilities:**

* Creates technical specifications and unit test plans for Developers
* Champion standardization, integration, and ubiquity of BI tools and processes
* Lead cross-functional project teams to incorporate new data sources into the data warehouse, expose related attributes and metrics in MicroStrategy, and utilize BItools to develop reports, visualizations, dashboards, and other solutions that allow data to be analyzed and acted on.
* Installed, configured Qlik Replicate as an enterprise tool for data replication and acted as a gate keeper.
* Snowflake Engineer Responsibilities HBO Snowflake data engineers will be responsible for architecting and implementing very large-scale data intelligence solutions around Snowflake Data Warehouse.
* Write Scope Scripts to handle multi-million rows and for daily loading data from COSMOS Server and scheduling the data load using DataGrid.
* Plans and coordinates the administration of PostgreSQL databases to ensure accurate, appropriate, and effective use of data, including database definition, structure, documentation, long - range requirements, and operational guidelines.
* Providing UDB DB2 DBA support for many productions and testing environments.
* Able to handle whole data using HWI (Hive Web Interface) using Cloudera Hadoop distribution UI.
* Created Teradata objects like Databases, Users, Profiles, Roles, Tables, and Views & Macros.
* Set up Teradata Workload Manager with the proper partitions and workloads based on Service Levels.
* Worked with Power BI Desktop workbooks and data models that are created using Data Analysis Expressions (DAX)
* Did Python programming and PostgreSQL work getting Pgloader to download updates from S3 and install them.
* Experience in ADF, DataBricks, Snowflake, Autosys, and other third party ETL Tools like QlikReplicate.
* Served as the Snowflake DBA for leading the data model design and DB Migration deployment.
* Designed and executed on-perm to AWS cloud migration projects.
* Customer Support & maintained the Production/Development databases on various servers.
* Performed day-to-day integration with DBA’s SQL Server, Oracle, and AWS Cloud teams.
* Developed simple to complex visualization reports using Tableau as well as DOMO.
* Extensive experience with T-SQL in constructing Triggers, Tables, implementing stored Procedures, Functions, Views, User Profiles, Data Dictionaries and Data Integrity.
* Install, configure, test, monitor, upgrade, and tune new and existing PostgreSQL  databases.
* Object / Data Migration from one DB2 subsystem to another
* Running Offline/Online utilities for data maintenance
* Doing BIND/REBIND for new / existing applications
* Planning for VSAM to DB2 conversion.
* Studied and stayed current on features and functionality of PostgreSQL.
* Developed data warehouse model in snowflake for over 100 datasets using where Scape.
* Perform validation on machine learning output from R.
* Experience developing PowerApps and Flow using Power Platform
* Excellent T-SQL development skills to write complex queries involving multiple tables, great ability to develop and maintain stored procedures, triggers, user defined functions.
* Monitoring systems and services, architecture design and implementation of Hadoop deployment, configuration management, backup, and disaster recovery systems and procedures.
* Creating S3 buckets also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Gathering data from data sources like Oracle, Excel, SQL Server 2008, binary QVW, Inline & .txt files indeveloping the QlikView Data Models.
* Using AWS Confidential with a Python script to terminate idle AWS instances.
* Configuration of EDB PostgreSQL for production, pre-production and non-production environments.
* Worked closely with different business teams to gather requirements, prepare functional and technical documents and UAT Process for Creating Data quality rules in cosmos & Cosmos Streams.
* Advanced experience developing web-based solutions using mainstream technologies such as JavaScript (e.g., angular.js, node.js, jQuery, AJAX), C#, .Net, ASP.Net, HTML5, CSS
* Designed and Developed various analytical reports from multiple data sources by blending data on a single worksheet in Tableau Desktop.
* Gathered requirements for SharePoint and other Software Application Projects.
* Proactive in updating the latest security patches to database, which are provided by PostgreSQL open source community.
* Used Data Loader, Informatica cloud connector to insert, update and bulk import & export of data from Salesforce.com Objects.
* Create new Input Controls; Drop down lists, resource bundles on the Jasper Server.
* Recreating existing application logic and functionality in the Azure Data Lake, Data Factory, SQL Database and SQL data warehouse environment
* Actively involved and developed the presentation using HTML5/CSS3 and JavaScript, ASP.NET MVC framework.
* Developed Dashboards using all functions of Qlik View and Qlik Sense.
* Developed tableau dashboard landing page for the embedding into Salesforce to provide integrated views and navigation inside Salesforce for the users.
* Developed the required data warehouse model using Star schema for the generalized mode
* Expertise in writing complex DAX and MOLAP functions in PowerBI and PowerPivot and Automated Power Query refresh using power shell script and windows task scheduler.
* Formulated procedures for integration of R programming plans with data sources and delivery systems.
* Install, configure, test, monitor, upgrade, and tune new and existing **PostgreSQL databases.**

**Environment:** MS SQL Server Management Studio 2016/2012 (SSMS), Qlik, MS Visual Studio 2017, SQL Server Integration Service (SSIS), SQL Server Reporting Services (SSRS), Qlik, SQL Profiler, SQL Server Agent, T-SQL, Jira 7.6, Azure SQL, Azure Storage Explorer, Azure Blob.

**Capital One, Mc Lean, VA Nov 2018 – Dec 2020  
Postgres DBA/Data analyst/BI**

**Responsibilities:**

* Highly responsible for data transformation from various formats to company’s format on a weekly basis. Managed external client project contracts from technical consultation to delivery of projects
* Performed data mining on Claims data using very complex SQL queries and discovered claims pattern.
* Experienced with reporting tools, software, and other applications, including SQL Database, Looker, Tableau and Salesforce dashboards (reports designing tool) and Data warehouse.
* Extensive practical knowledge in importing data for use in reporting software (Tableau & Looker) graphs, and flowcharts.
* Installing and configuring Nagios check postgresql.pl plugins for Monitoring PostgreSQL instances effectively.
* Developed and maintained production, test and development DB2 UDB databases on AIX, Solaris and Windows.
* Exposure to cross platform migrations and performed and documented Data Migration from Oracle databases to PostgreSQL database in AWS Cloud using SCT.
* Support and Administer Db2 Queue replication between DB2 Z/OS and distributed environments
* Recreated reports from MS Excel to Power BI.
* Explore data in a Variety of ways and across multiple visualizations using Power BI.
* Architect & implement medium to large scale BI solutions on Azure using Azure Data Platform services (Azure Data Lake, Data Factory, Data Lake Analytics, Stream Analytics, Azure SQL DW, HDInsight/Databricks, NoSQL DB)
* Technically proficient in SQL, QVD creation, JavaScript, CSS, JSON, HTML5 and interaction with the Qlik Sense API
* Assisted in pricing of securities including bonds and mortgages in programming domain such as C++, MTLAB and R programming.
* Sufficient exposure to designing and developing Tableau reports and dashboards for data visualization using R & Tableau
* Developed and deployed workflows and approval processes for opportunities and products/ assets management.
* Responsible for configuring, integrating, and maintaining all Development, QA, Staging and Production PostgreSQL databases within the organization.
* Performance tuning QlikView Applications for faster data reloads & efficient response times
* Develops processing, archiving, and recovery procedures for systems. Provides production procedures for R programs
* Designed and developed user friendly Financial and Billing reports using PL/SQL, Analytic Functions, SQL, report and deployed onto Jasper Server.
* Accurately measure and evaluate effectiveness of CRM targeting strategies across a year, season, piece, channel, or customer group
* Seeking a career with a progressive organization which will utilize my data science / analytic skills using R Language or other development skills, abilities, and education.
* Rebuild or redesign an existing PowerApps solution for ease of maintenance and extensibility.
* Integrated SharePoint links into Epic ASAP application.
* Championed database migration from Oracle to PostgreSQL on premises and on AWS, using Migration Tool Kit, Ora2pg, DMS and SCT.
* Enhanced SharePoint libraries for Epic implementation and process optimization
* Managed all indexing, debugging, optimization and performance tuning using SQL Profile and SQL Server Agent.
* Developed database triggers and stored procedures using T-SQL cursors and tables.
* Worked with Power BI Desktop workbooks and data models that are created using Data Analysis Expressions (DAX).
* Responsible for all backup, recovery, and upgrading of all of the PostgreSQL databases.
* Prepare Power BI reports for Internal and External Audiences using Business logic and DAX.
* Initiated CRM customizations with business sponsors and reviewed requirements with developers
* Assigned as Admin/Primary Support Liaison for major applications SharePoint/CR
* Trained end users to develop and use QlikView and Qlik Sense applications.
* Gathered requirements from business users and designing, developing, testing &migrating QlikView applications
* Worked on Patches. Created Views, Indexes, and packages (including Procedures and functions) for this enhancement.
* Extensively used ETL methodology for supporting data extraction, transformations and loading processing, in a complex EDW using Informatica.
* Created Hierarchies, Levels, and implemented Business Logic by creating level-based measures in OBIEE business model & mapping layer.
* Administrated PostgreSQL databases throughout SDLC including the non-production (Sandbox, development, test,) and production environment
* Perform patching and upgrades of Databases using AWS minor versions upgrades, pg upgrade, pg dumpall and logical replication.
* Utilized Tableau server to publish and share the reports with the business users.
* Create new Input Controls; Drop down lists, resource bundles on the Jasper Server.
* Create new Users, Roles and manage Jasper Server Repository.
* Migration of on-premise data (Oracle/ SQL Server/ DB2/ MongoDB) to Azure Data Lake Store (ADLS) using AzureData Factory (ADF V1/V2).
* Installing and monitoring PostgreSQL database using the standard monitoring tools like Nagios etc.
* Generated trading partner report, acceptance report, & volume report using SQL Server reporting services
* Installing and monitoring PostgreSQL database using the standard monitoring tools like Nagios etc.
* Hands on system experience with Microsoft Dynamics CRM customizations and configuration
* Used all types of container tasks such as for loop, for each loop and sequence container in SSIS.
* Manage & mentor 2 junior developers on Jasper Reports 4.5, assign tasks & review day-to-day tasks.
* Designed, Developed and Deployed reports in MS SQL Server environment using SSRS-2008R2
* Distributed Tableau reports using techniques like Packaged Workbooks, PDF to different user community.

**Environment:** MS SQL Server Management Studio 2016/2014 (SSMS), SSRS, SSIS, MS Visual Studio 2015, MS Excel 2016(Power Pivot), QlikView, Tableau 10, DB2(11.1/10.5), SQL Server Agent, Oracle 12c (12.1), .NET, XML.

**Agri Bank, St Paul, MN May 2016 – Oct 2018**

**Database admin**

**Responsibilities:**

* Gathered business requirements, definition and design of the data sourcing and data flows, data quality analysis, working in conjunction with the data warehouse architect on the development of logical data models.
* Installed and configured MS SQL Server 2008 along with Visual Studio on a network domain system.
* Implemented row level security for the tableau dashboardsand used various advanced table calculations for the dashboards.
* Solid knowledge of HTML5, CSS, UI Design, and programming skills in JavaScript, Python, R Etc.
* General development experience with ASP.NET, HTML/CSS, Java, or other web technologies is desirable
* Created Bullet graphs to determine profit generation by using measures and dimensions data from SQL Server and MS Excel.
* Designed and implemented complex SSIS package to migrate data from multiple data sources for data analyzing, deploying and dynamic configuring of SSIS packages.
* Setup and maintenance of postgres master-slave clusters utilizing streaming replication.
* Created OLAP cubes and dimensions for the analysis of specific areas using SSAS.
* Defined report layouts including report parameters and wrote queries for drill down reports using SSRS2008.
* Technical support of CRM end users with bug resolution prioritization and implementation of change requests
* Administered interface to organize reports and data sources, schedule report execution and delivery, and track reporting history using SSRS.
* Designed high level ETL architecture for overall data transfer from the OLTP/OLAP with the help of SSIS.
* Responsible for the Performance tuning of the SQL Commands and the troubleshooting of the technical problems in MS SQL Server 2008 with the use of the Query Analyzer and DatabaseEngineTuningWizard.
* Professional experience involving designing, development, testing, and implementation of applications using OraclePl SQL, Unix shell scripting, Perl scripting, IBM MQ’s, C, C++, connect direct and U-deploy automation tools.

**Environment:** MS SQL Server 2008, SSAS 2008, SSRS 2008, SSIS 2008, T-SQL, Visual studio 2008, DTS, Data Analyzer, MS Access, Word, Excel, SQL Profiler, Windows XP, Erwin v4.2, Version One.

**ValueLabs, Hyderabad, India Aug 2011 – April 2014**

**Tableau Developer**

**Roles and Responsibilities:**

**SAS Developer Activities:**

* Consolidating data from different sources like DB2, SQL Server & Oracle for data manipulation and data cleansing purpose using SAS Data Integration Studio 4.2 and SAS Enterprise Guide.
* Developed models for various profiling and customer segmentation for business and personal banking.
* Streamline the various reports for automation purpose using Base/SAS and Macros.
* Administration activities using SAS Management Console.
* Interacting with the business users regularly

Tableau Developer Activities:

* Responsible for interaction with business stake holders, gathering requirements and managing the delivery, covering the entire Tableau development life cycle.
* Experience in Marks, Publisher, and Security concepts.
* Experience with creating Worksheets and Dashboard.
* Working with Multiple data Connections.
* Experience with troubleshooting and Tableau Analysis.
* Experience in tableau, Rapid Analytics and Reporting.
* Experience with Tableau for Data Acquisition and data visualizations for client and customers.
* Using Multiple Measures like Individual Axes, Blended Axes, and Dual Axes.
* Involved in Custom Geocoding, Worked the Test Evaluation and Summary Reports.
* Experience in BI interactive Dashboards and Tableau Publisher.
* Experience of Client-Interaction on onsite/Offshore.

**Environment:** Tableau 6.0, Windows 2008 server, Tableau Desktop, Tableau Server, SQL, Oracle 10g. SAS 9.3, SAS Management Console 9.3, SAS Grid Manager, SAS.

Education:

B. Tech in Computer Science, JNTUH, 2011

M. Tech in Computer Science, JNTUH, 2014