**Likitha Siddi** 

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**AWS Certified Cloud Practitioner CLF-C01**

**Microsoft Certified:** **Azure Fundamentals**

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**Professional Summary**

* Around 9+ years of IT experience in analysis, design & implementation of Business intelligence solutions with Microsoft SQL server in development, Testing & production environment. Well versed and Experienced in both OLTP and OLAP (Data warehousing) environments, Business admin Intelligence (BI) Project Development.
* Experience in Agile Scrum methodologies, spring planning, grooming, reviewing and retrospectives.
* Good knowledge of Data warehousing, Bottom-Up and Top-Down Design methodologies, Operational Data Store (ODS), OLAP, Data Modeling, Star Schema Modeling, Snow-Flake Modeling, Fact and Dimensions Tables using Analysis Services.
* Experience in database programming in writing **T-SQL** Stored procedures, Triggers, Constraints, Indexes and Batch Scripts using various DDL and DML commands.
* Experience in SQL Optimization by using **SQL Profiler, Index Tuning Wizard, Database Tuning Advisor and Query Execution Plans**.
* Involved in data migrations, transfers using utilities like Data Transformation Services (DTS), SSIS, Bulk Copy Program (BCP) Bulk Insert and providing Logging, Error handling by using **Event Handler, and Custom Logging for SSIS Packages.**
* Understanding of SnowFlake cloud technology
* Involved with Business Analysts to understand the Business Requirement Specifications and implemented the ETL jobs in Data Stage
* Proficient in designing reports using **SSRS** and Excel Power Pivot table based on OLAP cubes.
* Working knowledge of Azure Services IaaS, PaaS, and SaaS
* Knowledge of Postgres SQL and Mongo DB.
* Data Warehouse migration from on premise to Azure cloud.
* Expertise in configuring report manager for creating report subscriptions, snapshots, and caching.
* Experience in various integration options using **Tableau Desktop**, **Tableau Server** and **Tableau Reader** to minimize overall end user licensing requirements .
* Understanding the Apache Spark-based analytics service in Azure Databricks
* knowledge of Object-Oriented programming (OOP) concepts using Python.
* Understanding Microsoft Azure robust **ecosystem** that customers know and use, and many want the flexibility to build [hybrid solutions that span clouds](https://aka.ms/DesignHybridApps) as needed.
* Experience in designing Database Models using **MS Visio** and **ERWIN** for both Relational and Dimensional Modeling.
* Expert in implementing star and snowflake schema methodologies for design cubes and applying dimensional Modeling using **SSAS**.

**Technical Summary:**

* **Tools & Packages** - SQL Server Management studio,SQL Profiler, BIDS, SQL Server Data tools, Microsoft TFS, Report Builder, Crystal Reports, SharePoint, Ad Hoc Reporting ,Visual Studio, pgadmin 4 ,Dbeaver
* **Reporting Tools** -SSRS,Crsytal Reports, Power BI, Tableau 10
* **ETL Tools** – SSIS, Azure Data Factory
* **Database** - MS SQL Server 2019/2016/2012/2008R2/2008, Oracle, Mongo DB PostgreSQL, MS Access
* **Cloud Platforms -** Microsoft Azure, AWS
* **Language** -T-SQL, MDX, XML ,C#,Python
* **Scripting**- Unix, PowerShell
* **Application Packages** - MS Office Suite, MS Outlook, MS Excel, Windows SharePoint Services

**Professional Experience:**

**JM Family Boca Raton, Florida August 2023 – Till Date**

**Data Engineer / Data Analyst**

Working in partnership with our dealers, we provide customized support to grow their profits, drive success and optimize talent.

**Roles and Responsibilities:**

* Maintaining and update **ETL documentation**, including data lineage, process flows, and data dictionaries.
* Create data mapping documents to define how data will be migrated from the mainframe to SQL Server.
* Involved in Functional Testing and Performance Testing to measure the execution time and result set data that matches to the Oracle.
* Identifying and apply appropriate statistical methods and models to perform predictive and exploratory analysis.
* Ensuring Data consistency and enforce Data integrity through the use of constraints and relationships.
* Optimize the performance of reports and dashboards in Power BI to ensure they load quickly and

provide a seamless user experience.

**CaptureRx Irving, TX Jan 2023 – July 2023**

**PostgreSQL Developer/AWS**

Founded in 2000, San Antonio-based CaptureRx is a healthcare technology company and leading 340B solution provider

**Roles and Responsibilities:**

* **As a SQL Developer, I work on**
* Created and maintain database objects such as tables views index constraints for data platform and custom applications.
* Using Jira to update the task workflow and collaborating with the team.
* Used Manual **VACCUM** and Anlayze option to update the statistics on the table after vacuuming
* **EXPLAIN** **ANALYZE** and change the code when it is required.
* Understanding **pyspark** code and SQL queries in the Reports.
* Used **AWS** glue for creating jobs to run the Pyspark Jobs.
* AWS console to check the slow running queries which was impacting the performance of report.

**Professional Experience:**

**Motorola Solutions Irving, TX Jan 2022 – Dec 2022**

**PostgreSQL Developer/AWS**

A global leader in public safety & enterprise security, helping make communities safer & businesses productive & secure

**Roles and Responsibilities:**

* **As a DB Developer, I work on**
* Having understanding to develop SQL Queries as required by Business Divisions.
* Documentation skills for creating processes and procedures
* Created and maintain database objects such as tables views index constraints for data platform and custom applications..
* Loading the data into PostgreSQL Tables in workbench from different source files
* Using Jira to update the task work Flow and Deploying the code changes with GIT and Jenkins
* Used Manual **VACCUM** and Anlayze option to update the statistics on the table after vacuuming
* **EXPLAIN** **ANALYZE** and change the code when it is required.
* Working with **Functions** in PostgreSQL and creating tables and views for Reporting.
* Used **Exception Handling** to handle specific errors with RAISE NOTICE and RAISE EXCEPTION.
* Granting Permissions to users for SELECT, INSERT, UPDATE, DELETE.
* Used pg\_stat\_activity for terminating the blocking user sessions.
* Worked on Testing functions can take test cases from a table iterating through its records.

**Professional Experience:**

**Ameriprise Financial Services, LLCSan Antonio,TX June 2021 – Jan 2022**

**PostgreSQL Developer/AWS**

Ameriprise Financial has helped millions of clients feel confident about their financial futures for more than 125 years.

**Roles and Responsibilities:**

* **As a SQL Developer, I work on**
* Having understanding from oracle to PostgreSQL migration with tools such as **AWS SCT** and **AWS DMS**
* Following the steps such as Pre-Check Stage ,Object Migration, Data Migration
* Used AWS SCT to can generate Complete Data Migration Assessment Report and migrate Data into PostgreSQL Tables .
* Involved in Functional Testing and Performance Testing to measure the execution time and result set data that matches to the Oracle
* Resolved High Response time queries with **EXPLAIN** **ANALYZE** and change the code when it is required.
* Used Different Data Types like **JSON** and **JSONB** typesand UUID type , Serial Data Type.
* Used Materialized views for storing the results of complex queries and most frequently used queries that have a high cost in terms of time or resources.

**Tenneco Inc.**

**Azure Data Engineer: Jan 2021 - May 2021**

**Roles and Responsibilities**

**As a Azure Data Engineer ,**

Strong knowledge of Azure Storage Accounts, Containers, Blob Storage, Azure Data Lake, Azure data factory, Azure SQL data warehouse

* Worked on Copy activity, Custom Azure Data Factory Pipeline Activities for On-cloud ETL processing
* Worked on Creating Pull Request
* Created a linked services in Azure Data Factory and parameterize a linked service and pass dynamic values at run time.
* Used Azure Logic Apps in a cloud service for schedule, and workflows to ETL integrate data and send an email notification.

**Railinc Corp., San Antonio,TX June 2020 – Dec 2020**

**Collabera inc.**

**PostgreSQL Developer/Azure/AWS**

Railinc is the railroad industry's most innovative and reliable resource for IT and information services.

**Roles and Responsibilities:**

* **As a PostgreSQL Developer, I work on**
* Good Knowledge on Cloud computing architecture, implementations including Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS)
* Small, Collaborative and resourceful dev team, working together to build an enterprise level platform.
* Used **Jira, Bitbucket** for creating the stories and updating the issues
* Install, configure, test, monitor, upgrade, and tune new and existing PostgreSQL  databases.
* Understanding data architecture using **AWS Aurora PostgreSQL**
* Connecting to PostgreSQL using Command Line Interface .
* Used AWS schema Conversion Tool and Ora2pg tool for migrating oracle to PostgreSQL database
* Writing the queries in PL/pgSQL using **Dbeaver** and **pgadmin**.
* Connected to Oracle Database and understanding the stored procedures which are written in PL/SQL and convert into

PL/pgSQL language.

* Involved in implemented PostgreSQL database solution in AWS (Amazon Web Services) EC2 & RDS environments.
* Involved in testing the stored procedures to make sure everything works good.
* Copied Data from Amazon S3 to Azure Data Lake with ADF Templates .
* Understanding **Kubernetes**for the runtime environment of the **CI/CD**system to build, test deploy.
* Knowledge on **AWS** solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.

Tools : **PgAdmin4, AWS schema Conversion Tool, Ora2pg, Jira,Bitbucket,Azure** ,Dbeaver

**Pabst Brewing Company ,San Antonio,TX Feb 2018 – May 2020**

**Azure Data Engineer/Developer**

With over 30 beers in our portfolio, Pabst Brewing Company is the largest American-owned brewery. Since 1844, we’ve taken pride in brewing beers that have become iconic, cherished American brands. Brands that promote regional pride, and brands that express common bonds amongst people all over the world.

**Roles and Responsibilities:**

* **As a PostgreSQL Developer, I work on**
* Developing DB solutions,
* Monitor and Maintain the Database packages for any changes.
* Reviewing the packaged solutions that are to be installed before production implementation.
* Created roles, schemas, & data pipelines
* Implement Business Logic and Data Access by using Microsoft Visual Studio in the VBS (Virtual Brewing System) Portal for displaying the Invoice data.
* Complex transformation used:
* **Data Flow Task**
* **Data Preparation Tasks**
* **Workflow Tasks**
* **Scripting Tasks**
* **SQL Server Tasks**
* **Containers**
* Setup and Maintained **Log Shipping** between various environments.
* Implement data models, database designs, data access, table maintenance.
* Developed jobs using Data Stage Designer to extract data from different resources and involved in cleansing data.
* Created a Data Factory pipeline that copies data from Azure Blob Storage to Azure Database for PostgreSQL
* Configuring log analyzation tools like pgbadger etc.
* Taking backup, recovery, and upgrading of all of the **PostgreSQL** databases.
* Deciding whether clustering, log shipping,mirroring,replication etcare the right fit to solve a business problem.
* Create mapping artefacts to map each field in the XML to the columns in the table.
* Understanding **Azure Synapse** is a limitless analytics service that brings together enterprise data warehousing and Big Data analytics
* **Scheduled Jobs**in **Flows**and **ADF Pipelines**
* Designing a data transformation job in the data flow designer by constructing a series of transformations
* Created a **schedule** **trigger** that runs a **Data** **Factory** pipeline
* Orchestrating Azure Databricks Notebooks with Azure Data Factory
* Worked in assigning **Azure Policy and Azure Role Based Access Controls.**
* Worked on python scripting to automate generation of scripts
* Understanding the flow of Hierarchy of management groups and subscriptions.
* Experience in Understanding **Microsoft Azure Service Bus** Concepts which is a fully managed enterprise message broker with message queues and publish-subscribe topics.
* Created and configured function app to host the execution of your functions.
* Deployed to msdb and created daily Jobs for execution of the **SSIS** packages.
* Worked on Event Grid by connecting to data sources and event handlers
* Understand the architectures of Azure Event Grid that allows you to easily build applications with event-based
* Installing **PowerBI Desktop** and navigating to office 365 admin center.
* Created Custom visualizations and developing Power BI Dashboards.
* Experience in DAX Functions in Power BI
* Involved in Building Power BI dashboards and reports by connecting to Tabular Models.
* Deployed the packages in the Azure Data Lake Environment
* Scheduling Automatic refresh in POWER BI Service.
* Configured SQL Mail Agent for sending Automatic emails to required team using SSIS Packages.
* Used **Zendesk** for ticketing and defects status tracking.
* Using **Rest** **Source** and **Rest** **Destination** task from Task Factory and being returned from the REST endpoints in **JSON**
* Worked on **Cosmos** scripts for retrieving the data and move into SQL Server
* Pull raw **XML** files from SAP system and transform the data using BizTalk Server and push the data to SQL Server.
* Build WCF services using C# to communicate between Nexus Server and SAP.
* Experience in writing VB scripts for user defines functions in SSRS.

**Tools: SQL Server Management Studio 2014, T-SQL,BIDS, pgadmin, pgStudio,Visual Studio 2017,SSRS, PowerBI ,SSIS,MS Azure,AWS,Azure Synapse, cosmos**

**USWorldMeds,Louisville,KY Nov 2017 – Jan 2018**

**Azure Developer/SQL Developer**

US WorldMeds is a specialty pharmaceutical company that develops, licenses, and brings to market unique health care products designed to improve the lives of patients with challenging conditions and unmet medical needs

**Roles and Responsibilities:**

* **As a Azure Architect /Developer , I work on**
* Designing, developing and maintaining business intelligence solutions.
* Executing queries upon request for data.
* Presenting information through reports and visualization
* **Created ad-hoc Report from connecting to Azure Sql database .**
* Experience in **Moving** **Data** in and out of Windows **Azure** **SQL** **Databases** and **Blob** **Storage**
* Having good knowledge in **Data Lake Analytics, Stream Analytics, Azure SQL DW, HDInsight/Databricks.**
* ImportaTransformation notebook to your **Databricks** workspace.
* Worked on **Snowpipe** for continuous data load from SQLServer
* Implemented Copy activity, Custom Azure **Data** **Factory** **Pipeline** **Activities and Logic Apps.**
* Assisted in designing and management of **PostgreSQL** database schemas and tables
* Design and implement disaster recovery for the **PostgreSQL** Database.
* Installing and Configuring **PostgreSQL** from source or packages on Linux machines.
* Diagnosed and addressed operational data issues.
* Developed Reports with trending data by using demographic charts with drill down functions that displays a breakdown of Region/States sales, utilizing data aggregation from SQL Statements.
* **SSIS** Migration from on premise to Azure Iaas server
* Implementing **PowerBI** gateway to access data from on-premise network.
* Experience in creating notebooks for moving raw data to stage using azure databricks.
* Design the data factory pipelines ti move the data from on-premise to Azure Data Lake Store.
* Recreated logic for various Monthly, Quarterly, Bi-Yearly, Yearly reports by different type of reports using SSRS.
* Working experience with Agile planning under **TFS** environment.
* Created Reports using Data Analysis Expression language (**DAX**)

**Tools: SQL Server Management Studio 2014, T-SQL,BIDS, pgadmin, pgStudio,Visual Studio 2017,SSRS, PowerBI ,SSIS,MS Azure,AWS,Azure Synapse, cosmos**

**The Wine Group, Tracy, CA Jan 2016 – Oct 2017**

**SQL BI Developer**

The Wine Group is an American alcoholic beverage company founded in 1981 and based in Livermore, California. It produces wine brands such as Franzia, Cupcake Vineyards, Concannon, and Big House, Almaden, FishEye and flip flop. As of 2008, the company was the world's third-largest wine producer.

**Roles and Responsibilities:**

* **As a SQL BI Developer, I work on**
* Developing and maintaining systems to store, organize, and access data.
* Writes and optimizes SQL statements for data access and retention.
* Regular database management duties including backups and audits.
* Experience working with Azure SQL Database Import and Export Service.
* Experience in deploying SQL **Databases** in **AZURE**.
* Experience in **Moving** **Data** in and out of Windows **Azure** **SQL** **Databases** and **Blob** **Storage**
* Implemented **Copy** **activity**, **Custom** **Azure** **Data** **Factory** **Pipeline** Activities
* Collaborate to development of main Web Application and Responsible of web application deployments over cloud services on **Azure**, using VS and PowerShell
* Design data loads from various **relational and non-relational data sources**.
* Dimension Modeling for multiple data marts following **Kimball** methodology.
* Involved in creationofDimensionsusing **Star and Snowflake Schema.**
* Experience in providing **Logging**, **Error handling** by using **Event Handler,** and **Custom Logging** for SSIS Packages.
* Develop multi-phase **Talend** **ETL** processes to clean and load enterprise data warehouse.
* Experience using **Talend** **Data** **Integration**/Big Data Integration
* Created complex **Stored Procedures, Functions, and Indexes, Tables, Views** and other **T-SQL**code.
* Building **SSAS** cubes to expose detail level data in the data warehouse to the business users.
* Building **SSRS** Reports and Dashboards pointing to the Data Warehouse for reporting summarized data.
* Involved in Performance Tuning on **Production, Staging and Test Servers.**
* Involved with maintenance of **ACTIVE**/**PASSIVE** Cluster Environments.
* Implemented **Database** **mirroring** for High Availability.
* Maintained various databases for Production and Testing using**SQL Server 2012**.
* Understanding **Snowflake Virtual Warehouses and building Snowpipe .**
* Worked in creating **Complex Crystal Reports**Ad Hoc Reports, Frequency Reports, Summary Reports, Drill-down, Dynamic grouping, graphical, aging reports
* **Involved in Scheduling** the report using Schedule Manager **in Crystal Management Console** to run every day on a periodic basis.
* VB.Net and other .NET languages C# used for Script task. Script task is primarily to control the flow of **SSIS** packages.
* Created Different Graphs and Charts for analyzing related Information using **Power** **BI** Features. (P**ower Query, PowerPivot and Power view).**
* Analysis for all the **Data Marts** and Data Warehouse for regular Releases and Projects, which requires frequent interaction with the Business Users.
* Developed Client applications to consume the web services based on both SOAP and REST.
* Experience in Excel VBA Macros and MS Access VBA Macros

**Tools: Visual Studio 2013, SSMS 2012,Talend OS ETL ,T-SQL,SSAS,SSIS,SSRS, Power BI,MS Azure**

***Education***

* *Master’s in computer science in the University of Southern University A & M College, Baton Rouge, Louisiana in. GPA* ***3.6***
* *Bachelor’s in information technology in the University of* ***JNTU-K*** *(Jawaharlal Nehru Technological University, Kakinada)* ***GPA 3.5***