# Summary

* Results-driven **Senior Data Engineer** with **11 years** of experience in **cloud data warehousing, data transformation, and ETL pipeline development**.
* Proficient in designing and optimizing **scalable, high-performance data models** using **Snowflake** and implementing **modular, reusable transformation workflows** with **dbt (Data Build Tool)**.
* Expertise in **SQL, performance tuning, data governance, and CI/CD automation** for modern data engineering solutions. Adept at collaborating with cross-functional teams to drive **data-driven decision-making** and ensure **efficient, well-documented data pipelines** using **Microsoft Azure/AWS & Ab Initio**.
* Passionate about **cloud analytics, automation, and data quality** in a fast-paced, **agile** environment.
* Possess **excellent communication and interpersonal skills**, agreeable personality, positive attitude, and perseverance to undertake **challenging jobs**.
* An **effective advisor communicates well** with people of all ages and backgrounds. **Excellent** **eye for detail enabling quick identification of areas** for improvement and **suggesting** strategies to help **businesses reach goals**. Focused on introducing efficient systems and processes.

# Technical Skills:

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| **Programming Languages** | **Python, SQL, Shell Scripting, Java, HTML, CSS, Java Scripts** |
| **Transformation Tools** | **Data Build Tool (DBT), Abinitio, PySpark, Spark** |
| **Cloud Platforms** | **Azure Services (ADF, ADO Azure Functions Data Flows Durable Functions ADLS Blob Storage) , AWS ( Amazon S3, Redshift)** |
| **Databases** | **Snowflake, On prem SQL, Azure SQL Datawarehouse, Teradata, MySQL , A** |
| **Data Formats** | **JSON, Avro, Parquet, CSV** |
| **DevOps & CI/CD** | **Jenkins, CI/CD Pipelines** |
| **Version Control** | **Git, Azure DevOps** |
| **Visualization Tools** | **Power BI, and Data Fabric** |
| **Development Models** | **Agile Methodologies** |

# Certifications:

* Dbt Cloud certified **dbt fundamentals**.
* AWS Certified: **Data Engineer – Associate exam.**
* Snowflake Certified **SnowPro Core Certication.**
* Microsoft Certified: **Azure Data Engineer Associate (DP-203)**

# Professional Experience:

**Accenture Nov 2024 to Feb 2025**

**Client : Roche**

**Data Eng, Mgmt. & Governance Assoc Manager**

**Technical Skills: Snowflake, Data Build Tool, Azure Data Factory, Azure SQL DB, ADO, GIT , Python**

**Roles & Responsibilities:**

* Provided **Technical assistance** to the team and worked with **stakeholders to determine the project's objectives, deliverables, and timelines.**
* Prepared a detailed **project plan, including timelines, resources, milestones** and identify potential risks early and create mitigation plans to ensure smooth project execution.
* Collaborate with **cross-functional teams** to drive a culture of **data accountability** and governance excellence.
* Prepare and deliver **project status reports, highlighting key performance indicators (KPIs),** **milestones,** and potential bottlenecks.
* Ensure the **right resources are assigned** to the right tasks based on their skills and project needs.
* Acted as the point of contact for the **team, offering support, guidance, and technical leadership** to ensure they are on the right track.
* Involved in critical technical decisions and ensuring the **technical solutions align with business goals.**
* Address any **technical challenges** that arise, helping the team navigate obstacles and find solutions.
* Streamlined the processes and helped the teams to **work efficiently** and on time with quality.
* Worked with the team to prioritize tasks**, break down user stories,** and set **achievable sprint goals,**

manage sprints, **scrum meetings, and backlogs, ensuring the team follows Agile principles.**

**HCL Technologies, Consultant May 2022 to Nov 2024**

**Client: Weyerhaeuser Company– Lead Data Engineer**

**Technical Skills: Snowflake, Data Build Tool, Azure Data Lake Storage (ADLS), Azure DevOps, Azure Data Factory, Power BI Dataset, AWS, Redshift, Amazon S3 Buckets, SQL and Python**

**Roles & Responsibilities:**

* Gather Business requirements from **customers, analyze the requirements** and convert them to functional documents and further **create the technical document** which is finally used a design document during development.
* Worked on the development of the **Azure SQL DB** for migration of data from various ERP and on-premises to cloud **Azure Data Lake Storage (ADLS).**
* Design and implement scalable **data models (Star schema, Snowflake schema) in Snowflake** & **Amazon Redshift**, ensuring optimal storage and query performance.
* Develop and **optimize ELT (Extract, Load, Transform) pipeline**s in **Snowflake/Redshift** using SQL and integration tools like **Azure Data Factory and AWS**.Used **OAuth 2.0 and Managed Identity** to connect **Rest API**. Provided after-hour system and application support.
* Ingested the data into Snowflake using **External tables**. Worked on creating **Data Bricks Notebooks**.
* Created SQL-based **models, macros, and tests, Incremental strategy**, **Fact and Dimensional tables** using **Data Build tool (DBT Cli & CLOUD)** which is further used in creating reports.
* Used **GIT / ADO**  as source control to **check in code**, Deploy the data to higher environments using **CI/CD Pipelines** which are automated using **terraforms**.
* Documented all the developments and other technical details which are further used by the team as reference. Performed Unit testing based on client use cases.
* Oversee data warehouse and analytics platform from implementation to ongoing operations.
* Manage **Azure data pipelines, job schedules, and systems for performance and uptime**.
* Reviewed system application logs to identify potential issues and improvements.
* Participated in capacity planning, cloud cost analysis, and resource optimization.
* Scheduled ADF Jobs to run at various times. **Scheduled triggers**.
* Maintained up-to-date platform documentation and provided technical support to developers.
* Performed maintenance and troubleshooting for data warehouse and BI platform on Azure.
* Tracked metadata for all data objects in the platform.
* Perform ongoing security controls audit and review for compliance.
* Reviewed system application logs to identify potential issues and improvements.
* Participated in **capacity planning, cloud cost analysis, and resource optimization**.
* Developed and implemented various work plans for projects.
* Involved in bug fixing during **UAT and hyper care phase.**
* Documented all the developments and other technical details which are further used by the team as reference.participated in **Agile ceremonies** and **Daily standup Meetings** actively.

**Wells Fargo Bank April 2014 to March 2022**

**Systems Operations Engineer**

**Technical Skills: SQL, Abinitio, Jenkins, uDeploy, PAC2000, Splunk, Snowflake, ADF , ADLS and ADO**

**Roles & Responsibilities:**

* Develop and implement **ETL processes** using **Ab Initio** components such as **Graph, Conduct>IT, Control Center, Express>IT, and Meta>Data Hub**.
* Ensure **high performance and scalable** extract, transform, and load data from various sources into Teradata database.
* Optimize **ETL performance** by tuning Ab Initio jobs, scripts, and database queries with **parallel processing and partitioning strategies**.
* Implement **data lineage tracking and metadata management** using Ab Initio's **Meta>Data Hub**.
* Automates ETL workflows by scheduling **Ab Initio** jobs run at **specific times, intervals, or trigger-based conditions** and automate batch processingIn **Autosys**.
* Expertise **Ab Initio Graphs, Shell Scripts, Python, SQL Queries,** **UNIX, NDM process, Windows, Ab Initio EME for version control, metadata management,** and collaboration and cloud environments.
* Worked on migration of data from **Teradata to Snowflake using Azure Data Factory.**
* Developed **Linked Services, Integration runtimes, Activities and Triggers.**
* Worked on **Jenkins in building, testing, and automating workflows** and **UDeploy in automating deployments to various environments.**
* Handled jobs handover calls **to production support team**. Created/**Documented runbooks**.

**Education: B. Tech (CSE)** Avanthi Institute of Engineering and Technology **(JNTUH) in 2013** with **8.6** CGPA.