XYZ Resume

Results-oriented and highly motivated Data Engineer with 8+ years of experience designing and implementing scalable data solutions across cloud platforms. Strong expertise in data pipeline development, data modeling, ETL/ELT processes, and Business Intelligence (BI) systems. Proficient in leveraging modern tools such as Azure Data Factory, AWS Glue, Azure Synapse Analytics, Amazon Redshift, Databricks, SQL, and Python to transform raw data into actionable insights that drive decision-making.

TECHNICAL SKILLS

Data Integration & Cloud Platforms:
- **Cloude Services: Azure Data Factory, Azure Synapse Analytics, Azure Databricks, Azure Analysis Services, Azure Data Lake Storage (ADLS), AWS Glue, S3, Amazon Redshift**
- **Development & IDEs: Visual Studio (VS), SQL Server Management Studio (SSMS), Azure Data Studio, Azure Synapse Studio, Databricks Workspace**

Databases & Query Languages:
- **Relational Databases: SQL Server, MySQL, PostgreSQL, Oracle**
- **Query Languages: T-SQL, Oracle SQL, PostgreSQL, MySQL, Cassandra Query Language (CQL), KQL**

ETL & BI Tools:
- **MSBI Suite: SSIS (Integration Services), SSRS (Reporting Services), SSAS (Analysis Services) using Visual Studio Data Tools**

Data Visualization & Reporting:
- **Power BI, Tableau**

Programming Languages:
- **Python, Scala**

Version Control & DevOps:
- **GitHub**

Big Data & Distributed Computing:
- **Apache Spark, Hadoop, YARN (Cluster Manager), HDFS, Databricks, Azure Synapse**

Other Tools & Skills:

PROFESSIONAL EXPERIENCE

Software Engineer, XXXX, Seattle   Sep. 23/2022 – Present

- Executed a complex migration from Amazon RDS MySQL to PostgreSQL on a separate server, leveraging AWS DMS, pg_dump/pg_restore, and custom ETL scripts in Python and SQL to successfully migrate 70+ tables, 30 views, 7 stored procedures, and 20 triggers with full schema mapping, data validation, and performance tuning.
- Designed and maintained end-to-end data pipelines to migrate and integrate data from AWS to Azure Cloud using **Azure Data Factory (ADF)** and **Azure Databricks**, resolving performance and reliability issues.
- Developed and managed database objects including **stored procedures**, **functions**, **triggers**, **events**, and **scheduled tasks** to support daily and weekly data updates.
- Built automated data pipelines using ADF and Databricks to ingest and transform data from **SharePoint** and **AWS** into **Azure Data Lake Storage (ADLS)** with **Power Query**, **Data Flows**, and **email notifications**.
- Executed **DDL** and **DML** operations within **Azure Synapse Analytics**, utilizing both **serverless** and **dedicated SQL pools** (CETAS/CTAS) for optimized querying and data management.
- Created workflows integrating **SharePoint files and AWS sources to Azure SQL Database** via **ADLS**, ADF, Azure Databricks, and **Power Automate**.
- Designed data models for **OLTP** and **OLAP** systems, implementing **star** and **snowflake schemas** for scalable data analytics.
- Integrated **Power Apps** with Azure SQL (OLTP) to streamline data collection from end-user forms.
- Maintained and enhanced **Python-based ETL processes** to extract and load data from AWS into the company's cloud infrastructure.

- Created dynamic forms and connected them to data destinations such as **SharePoint**, **Azure SQL Database**, and **Azure Blob Storage**.
- Automated and orchestrated **Power Automate** flows to move data from entry points to storage and analytics destinations.
- Performed complex data transformations in **Databricks** and developed **scheduled jobs** for **incremental data loads** to support real-time and batch processing.

EDUCATION AND CERTIFICATION

- Kronos Application Development Certificate, People Tech Group Inc
- T-SQL, SSIS, SSRS and SSAS Certificate, Udemy
- Relational and Non-Relational Database, Udemy
- Data Migration Techniques (ETL Processing), Data Management, Maintenance & Reporting, Udemy

PROJECT BASED LEARNING

ML predictive analytics Project, Seattle   08/20/2025 – 9/20/2025

Objective: Developed a predictive analytics system to forecast potential equipment failures within 7 days using sensor data and historical maintenance records.

Skills Learned and Utilized: Applied Python, Scala, scikit-learn, and MongoDB for data ingestion, cleansing, and feature engineering. Built and containerized a demo application using Docker and deployed it to a cloud repository via docker hub.

BigData technology, Project at University of Washington, Seattle   09/22/2020 – 7/06/2023

Objective: analyze book and readers 3GB data to find which book category get better rate in time ranges and correlation b/n helpful review and review rate.

Skills Learned and Utilized: Utilized stream and batch data in spark ecosystem with sparkSQL, Scala, RDD, Dataset and DataFrame to manipulate big data. Created temp views and visuals our results using azure Databricks and power BI.