Anil
BI & Data Engineer
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Professional Summary: Results-driven BI and Data Engineer with around 4 years of experience in cloud data engineering, ETL/ELT development, analytics, and enterprise reporting solutions. Seeking a challenging opportunity to utilize expertise in Azure cloud technologies, big data processing, Microsoft technologies, automation, and modern analytics platforms to build scalable, secure, and business-driven data solutions that improve operational efficiency and support strategic decision-making. Actively looking for new roles.

Professional Summary

- Experienced in collaborating with **stakeholders**, project managers, business analysts, and technical teams to gather requirements and implement cloud data engineering solutions.
- Strong expertise in developing ETL/ELT and streaming pipelines using **SSIS, ADF**, **Alteryx**, **Databricks**, Microsoft **Fabric**, Synapse Analytics for enterprise data processing projects.
- Proficient in programming languages including **Python**, **PySpark**, Spark SQL, and SQL with hands-on experience in query optimization, distributed computing, and performance tuning.
- Experienced in designing enterprise **OLTP**, **OLAP**, **Cubes**, **Data Lake**, and Delta Lake solutions using ADLS, Azure SQL Database, One Lake, Redshift, and analytical processing environments.
- Hands-on experience in developing business intelligence solutions using **Power BI**, **Tableau**, **SSRS**, Excel, and Looker by creating dashboards, KPIs, reports, and executive reporting solutions.
- Strong understanding of enterprise governance frameworks using **Microsoft Purview** and **Unity Catalog** with metadata management, auditing, access controls, and compliance standards.

Technology Stack

BI & Data Analytics	Power BI, Tableau, SSRS, Qlik
DWH & Data Storages	SQL Server, Redshift, Snowflake, ADLS, S3, One Lake, Synapse Pools, CRM
ETL/ELT	SSIS, ADF, Fabric, Databricks, DbT, Alteryx, ODI
Scripting Languages	Big Query, SQL, Spark SQL, Python, PySpark
Automation	DevOps, Git, ARM Templates, YAML, Databricks Asset Bundles
Others	Jira, Pandas, SSMS, PyCharm, Power Automate, Rest API's

IT Work Experience

Client: Agnes Health /Duration: Feb 2025 to Mar 2026
Role: Cloud Data Engineer

- Worked with **stakeholders**, business users, data scientists, and **architects** to gather requirements, analyze sources, define data flows, and deliver Azure cloud data engineering solutions successfully.
- Built reusable data processing frameworks using **Python**, **PySpark**, and Spark SQL for data cleansing, validation, transformation, and distributed processing across cloud environments efficiently.
- Developed ETL and ELT pipelines using **Azure Data Factory** and **Azure Databricks** for ingesting, transforming, and loading structured and unstructured enterprise datasets efficiently across systems.
- Implemented data transformation workflows using **Synapse Analytics**, **Spark Pools**, and Fabric notebooks to process large datasets, improve performance, and support analytics requirements.
- Designed **Data Lake** and **Delta Lake** architectures using partitioning, schema evolution, and optimization techniques to support scalable storage and analytical processing solutions.
- Integrated external systems using REST APIs by handling authentication, pagination, retry logic, timeout handling, and failures to ensure reliable and continuous enterprise data ingestion processes.

- Worked on data governance using **Microsoft Purview** and **Unity Catalog** for metadata management, data lineage tracking, auditing, access control, and compliance across enterprise data platforms.
- Developed interactive dashboards using **Power BI** by building data models, KPIs, DAX measures, and visual reports to support business intelligence and decision-making requirements effectively.
- Implemented CI/CD pipelines using **Azure DevOps**, **Git**, ARM templates, and Databricks bundles for automated deployments, version control, and release management across environments.
- Provided production support by monitoring pipelines, resolving failures, analyzing logs, optimizing performance, and ensuring high availability of enterprise data engineering systems consistently.

Tech Stack: Azure Data Factory, Fabric, Databricks, ADLS, Medallion Architecture, SQL, Python, PySpark

Client: Exxon Mobil /Duration: May 2022 to Dec 2023
Role: Data Engineer

- Worked with **business stakeholders**, analysts, and **architects** to gather requirements, analyze data sources, define integration workflows, and deliver enterprise cloud data solutions successfully.
- Developed data ingestion pipelines using **Azure Data Factory**, **Databricks**, and **PySpark** for processing structured, semi-structured, and unstructured data from enterprise systems and cloud platforms.
- Built analytics solutions using **Azure Synapse Analytics**, **SQL pools**, and Spark notebooks to support data warehousing, reporting, and business intelligence requirements efficiently.
- Created reusable transformation logic using **Python**, **PySpark**, DataFrames, joins, aggregations, and window functions to optimize performance and ensure scalable data processing workflows.
- Implemented **Delta Lake** architecture using schema evolution, merge operations, partitioning, and optimization techniques for reliable, high-performance, and ACID-compliant data storage systems.
- Integrated **REST APIs** by handling authentication, pagination, retries, error handling, and response validation to ensure smooth and reliable data ingestion workflows consistently.
- Worked on governance frameworks using **Unity Catalog** and metadata management for auditing, lineage tracking, access control, documentation, and compliance across data platforms effectively.
- Developed dashboards using **Power BI** by creating semantic models, KPIs, DAX calculations, and reports for operational insights and business intelligence decision-making requirements.
- Automated deployment processes using **Azure DevOps**, Git, CI/CD pipelines, and orchestration workflows for efficient release management and smooth migration across multiple environments.
- Supported production environments by monitoring pipelines, troubleshooting failures, optimizing workloads, resolving incidents, and ensuring stability of enterprise data engineering systems.

Tech Stack: Databricks, ADF, Synapse, SSIS, SSAS, Power BI, SQL, Python, PySpark, Functions, Event Hub, DevOps

Client: Airwallex /Duration: Oct 2020 to May 2022
My Role: BI Developer

- Collaborated with SAP teams, analysts, and stakeholders to gather requirements, analyse business data, define reporting needs, and support enterprise data integration initiatives effectively.
- Developed ETL workflows using **SSIS**, **Azure Data Factory**, and **Databricks** for extracting, transforming, and loading enterprise data from SAP systems, databases, and cloud sources.
- Designed data transformation processes using **SSAS**, **SQL procedures**, and Spark notebooks for creating analytical datasets and supporting business intelligence solutions efficiently.
- Built reusable scripts using **Python** and **PySpark** for data cleansing, validation, transformation, aggregation, and scalable processing across enterprise ETL and analytics environments effectively.
- Worked on **Data Lake** and **Delta Lake** implementations using **ADLS**, partitioning, schema evolution, and optimization techniques for scalable and efficient data storage solutions.

- Integrated **SAP BW** systems with cloud platforms by validating mappings, transforming data structures, resolving inconsistencies, and ensuring enterprise reporting and analytics workflows.
- Maintained governance documentation, audit reports, metadata standards, and validation rules to ensure secure, compliant, and well-documented enterprise data engineering processes consistently.
- Developed dashboards using **Power BI** and **SSRS** for creating KPIs, reports, visual analytics, and business insights supporting operational and executive decision-making requirements.
- Managed **Git** repositories, deployments, and version control activities for supporting release management, code tracking, and collaborative development across data engineering projects.
- Supported production ETL jobs by monitoring workflows, troubleshooting issues, optimizing queries, validating data quality, and ensuring reliable execution of enterprise reporting systems consistently.

Tech Stack: Tableau, Power BI, SSRS, Excel, ADF, Databricks, Git, SQL, ADLS, CRM, ERP

Education

- **Bachelor in JNTU Kakinada,** Computer Science Engineering, Andhra Pradesh-2020
- **Master's Business of Administration** from University of East London ,Dockland campus, London 2025

Microsoft Certifications

Microsoft Certified: **Microsoft PL-300 — Power BI Data Analyst Associate.**
Microsoft Certified: **Microsoft DP-600 — Fabric Analytics Engineer.**

Other Details

- Location: London
- Relocation: Open
- Availability: Immediate
- References: Available