**Srinivas**
**BI & Azure Data Engineer**
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## Career Objective

Result-driven Azure Data Engineer with over 3+ years of experience in designing, implementing, and optimizing enterprise **data platforms**. Skilled in end-to-end **data pipeline development**, **cloud solutions**, and **data analytics** to deliver actionable business insights. Proficient in handling large-scale **ETL processes**, ensuring **data quality**, **governance**, and **performance optimization**. Experienced in collaborating with **stakeholders** to gather requirements and translate them into efficient technical solutions. I am actively looking for new challenging role.

## Career Summary

- Proven expertise in managing **users**, **stakeholders**, and **project requirements**, ensuring seamless communication, timely delivery, and alignment of technical solutions with business goals.
- Strong **Data Engineering** skills, including building scalable **ETL pipelines**, **data integration frameworks**, and advanced **data transformations** using modern cloud technologies for enterprise-wide analytics initiatives.
- Hands-on experience with programming languages like **Python**, **SQL**, **PySpark**, **Spark SQL**, and performance optimization techniques for processing large datasets efficiently across multiple environments.
- bcomplex analytics, reporting, and operational use cases for business decision-making.
- Extensive experience in **data analytics**, creating interactive **reports**, **dashboards**, **KPIs**, and actionable insights using **Power BI**, **Tableau**, **Excel**, and other modern **BI tools** for business stakeholders effectively.
- Proficient in **data governance**, including **metadata management**, **Purview**, **Unity Catalog**, auditing, and maintaining regulatory compliance across multiple cloud and on-premises data platforms.

## Technical Skills

- **Cloud Platforms:** Azure, AWS, Snowflake
- **BI & Data Analytics:** Power BI, Tableau, Excel, SSRS, Looker, Qlik
- **Data Warehousing & Storage:** ADLS, S3, OneLake, MS SQL Server, SAP, CRM, Dataverse, Redshift
- **ETL / ELT Tools:** SSIS, Azure Data Factory (ADF), Databricks, Fabric, Synapse, Power Query
- **Programming & Scripting:** Python, PySpark, SQL, Spark SQL, BigQuery
- **Automation & DevOps:** CI/CD, Azure DevOps, Git, Azure Functions, Logic Apps
- **Others:** Jira, SSMS, Visual Studio, Pandas, Azure Monitor

## Professional Experience

### Client: Aquarius Software Sol Ltd, Duration: Jan 2026 to till date, Role: Data Engineer

- Collaborated with business **stakeholders** to gather detailed requirements for an end-to-end **Azure-based data platform**, ensuring all functional and technical expectations were clearly captured and documented.
- Developed robust **ETL pipelines** in **Databricks** and **ADF** to extract, transform, and load data from multiple heterogeneous sources into **Azure Data Lake** and **Delta Lake** environments efficiently and reliably.
- Implemented **Synapse Pools**, **Spark notebooks**, and **Fabric dataflows** to process large datasets efficiently while optimizing compute, storage costs, and overall data processing performance.
- Leveraged **Python** and **PySpark** to transform complex datasets into structured formats, implementing **dataframes** and advanced transformations to ensure high **data quality** and consistency.
- Applied advanced **Data Lake** and **Delta Lake** techniques, including **partitioning**, **schema evolution**, and **ACID-compliant transaction handling** for highly reliable and efficient data processing pipelines.
- Developed and maintained **REST API** integrations, addressing **pagination**, **rate limits**, network failures, and API errors to ensure continuous, uninterrupted data ingestion and system reliability.
- Implemented **data governance** policies using **Purview** and **Unity Catalog**, including auditing, cataloging datasets, and maintaining comprehensive technical documentation for **stakeholders**.

- Designed, developed, and maintained **reports** and **dashboards** using **Power BI** to deliver actionable insights, real-time metrics, enhanced visibility, and improved decision-making efficiency for business stakeholders.
- Configured **DevOps pipelines** for **CI/CD deployments**, including **Databricks Asset Bundles** and **ARM Templates**, ensuring reproducible, controlled, and efficient deployment processes across environments.
- Monitored and supported **production pipelines**, troubleshooting incidents, optimizing performance, and ensuring SLAs were consistently met for critical data services and analytics operations.

**Worked for Greentech Soft from Jun 2022 to Apr 2025**

### Client: RMP Living, Duration: Jun 2024 to Apr 2025, Role: Data Engineer

- Partnered with stakeholders to gather requirements, design scalable **data platform architectures**, and implement **end-to-end ETL pipelines** that support both batch and near real-time enterprise analytics.
- Developed and maintained **ADF pipelines** and **Databricks notebooks** to ingest data from multiple sources, including **CRM systems**, **REST APIs**, and flat files into **ADLS**, implementing full error handling and monitoring.
- Built distributed data transformation workflows using **PySpark**, applying **DataFrame operations**, **joins**, **window functions**, and **user-defined functions** to produce clean, enriched, and analytics-ready datasets.
- Designed **Delta Lake architecture** with Bronze, Silver, and Gold layers to enable ACID transactions, historical data tracking, and highly efficient query performance for enterprise analytics and reporting purposes.
- Integrated external **APIs** with pagination, rate limiting, retry logic, and network failure handling, ensuring continuous, reliable, and fault-tolerant data ingestion pipelines for business-critical reporting.
- Implemented **data governance practices** with **Azure Purview** and **Unity Catalog**, tracking lineage, enforcing role-based access, auditing datasets, and documenting all pipeline workflows and data assets.
- Developed interactive dashboards in **Power BI**, leveraging DAX measures, drill-through reports, and visualizations to provide executives and stakeholders with actionable insights and performance monitoring.
- Managed **CI/CD pipelines**, automating deployments using **ARM templates** and **Databricks Asset Bundles**, ensuring consistent release management across development, testing, and production environments.
- Monitored pipeline performance and resolved incidents using **Azure Monitor** and **Log Analytics**, ensuring high reliability, consistent data availability, and SLA compliance for all production pipelines.
- Collaborated with cross-functional teams to improve performance, implement best practices, and optimize **data workflows** and pipelines across Azure cloud environments for large-scale, enterprise operations.

### Client: Max Healthcare, Duration: Feb 2023 to May 2024, Role: Data Egnineer

- Coordinated with stakeholders to understand business requirements and designed a scalable **Azure-based analytics platform** with structured and unstructured data ingestion for enterprise-wide analytics.
- Built **ETL pipelines** in **Databricks** and **ADF** to integrate data from **CosmosDB**, **S3**, and **Redshift** into **Delta Lake**, enabling centralized analytics and improving data accessibility across multiple departments.
- Optimized **Spark notebooks** for high-performance transformations, leveraging **PySpark caching**, **partitioning**, and **broadcast joins** to efficiently handle large-scale datasets and reduce overall processing time significantly.
- Developed **Python scripts** for automation of **data quality checks**, anomaly detection, and transformation logging across pipelines, ensuring consistent, accurate, and reliable data processing operations.
- Designed a **data lakehouse architecture** using **Delta Lake**, ensuring **ACID compliance**, schema management, and seamless integration with **Synapse** and **Fabric pipelines** for scalable and reliable analytics workflows.
- Implemented advanced **REST API integrations** with error handling, retry mechanisms, and logging to improve data reliability, minimize failures, and support continuous ingestion of critical business data.
- Maintained **data governance** using **Unity Catalog**, including **data classification**, lineage tracking, and audit trails for compliance, monitoring, and adherence to enterprise security policies.
- Created **Power BI dashboards** and visualizations for operational reporting and executive decision-making, incorporating key business KPIs, trend analysis, and actionable insights for stakeholders.
- Automated **deployment pipelines** using **DevOps**, **Git**, and **CI/CD practices** to maintain consistent environments, reduce manual intervention, and ensure reproducible deployments across multiple teams.
- Monitored **production pipelines** and resolved data processing incidents promptly, ensuring uninterrupted analytics services, maintaining SLA adherence, and improving overall system reliability and performance.

**Client: CSB Bank, Duration: July 2022 to Feb 2023, Role: Data Engineer**

- Collaborated with **SAP** and business teams to gather requirements for building a modern **Azure-based ETL and reporting platform**, integrating legacy systems and supporting enterprise-wide analytics initiatives.
- Developed **SSIS** and **ADF pipelines** to extract data from **SAP BW**, transform using **Python** and **PySpark**, and load into **Azure SQL DB** and **Delta Lake** for centralized and scalable data management.
- Implemented **OLTP** and **OLAP solutions**, ensuring **data models** supported reporting, analytics, and operational use cases effectively while enabling faster query performance and multidimensional analysis.
- Optimized **Spark** and **SQL queries** to enhance pipeline performance, reducing runtime by up to 40% for large datasets and improving overall system efficiency and reliability for business operations.
- Leveraged **Delta Lake features** to handle **data versioning**, incremental loads, and data consistency across multiple environments, ensuring highly reliable, auditable, and scalable data pipelines.
- Developed automated **Power BI reports** for business users, highlighting trends, anomalies, and actionable insights from integrated datasets to support informed, data-driven decision-making.
- Applied **Git-based version control** and **DevOps pipelines** to manage code deployment, versioning, and rollback processes efficiently while maintaining reproducibility and development best practices.
- Conducted **data validation**, reconciliation, and testing to ensure **data integrity** across **ETL pipelines** and reporting layers, minimizing errors and ensuring consistently accurate analytics outputs.
- Implemented **data governance policies**, documentation, and auditing processes to comply with regulatory standards and internal policies while maintaining high-quality and trustworthy data.

## Education

- Bachelor in CSE, Gayatri Vidya Parisadh College of Engineering (Autonomous), India – May 2022
- Masters in MSc Management with Project Management, BPP University, United Kingdom – May 2026

## Certifications

- Microsoft Certified: Fabric Data Engineer Associate [DP-700]
- Microsoft Certified: Power BI Data Analyst Associate [PL-300]
- Databricks Certified: Data Engineer Associate