Sriram
Data & Analytics Engineer | Azure Data Engineer | BI Developer
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Career Summary

Data & Analytics Engineer with 4+ years of experience delivering Azure data platforms, ETL/ELT pipelines, Lakehouse and Data Warehouse solutions, and BI reporting across banking, healthcare and facilities services. Hands-on with ADF, Databricks, Fabric, Synapse, PySpark, SQL, Delta Lake and Power BI, with strong focus on data quality, governance, performance and reliable production delivery.

Professional Summary

- Experienced in **stakeholder management**, **Agile** requirements and **source-to-target** analysis, translating functional needs into scalable data engineering and BI solutions.
- Hands-on with **ADF**, **Databricks**, **Microsoft Fabric**, **Synapse**, **SSIS** and **Airflow** for enterprise batch, hybrid-cloud and **ETL/ELT** workloads.
- Proficient in **Python**, **PySpark**, **SQL** and **Spark SQL**, using **DataFrames**, **partitioning**, **caching** and **query tuning** for high-volume processing.
- Experienced in **Data Warehouse**, **Data Lake**, **Delta Lake**, **OLTP/OLAP**, **Data Vault**, **Dataverse** and **Medallion Architecture** patterns.
- Skilled in **Power BI**, **Tableau**, **SSRS** and **SSAS** for KPI reporting, multidimensional analysis, operational dashboards and self-service analytics.
- Knowledgeable in **Purview**, **Unity Catalog**, **RBAC/IAM**, lineage, auditing, Git and **Azure DevOps CI/CD** for secure and traceable data delivery.

Certifications

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

Technical Skills

BI & Data Analytics	Power BI, Tableau, SSRS, SSAS, Qlik, Excel, KPI Reporting, OLAP Analytics
Data Engineering	ADF, Databricks, Microsoft Fabric, Synapse, SSIS, Airflow, REST APIs
Data Platforms & Warehouses	Azure SQL, SQL Server, Oracle, Cosmos DB, Redshift, SAP BW, Dataverse, Data Vault
Cloud Data Storage	ADLS Gen2, OneLake, Delta Lake, Amazon S3, Medallion / Lakehouse
Programming & Processing	Python, PySpark, SQL, Spark SQL, DataFrames, RDDs, Performance Tuning
DevOps & Governance	Azure DevOps, Git, CI/CD, ARM/YAML, Asset Bundles, Unity Catalog, Purview, RBAC/IAM

Professional Services

Organization: Evotech Solutions (Full-time intern),
Role: Analytical Engineer
Responsibilities **Duration: Sep 2025 to till date**

- Partnered with business stakeholders, product owners and data architects to capture functional and technical requirements, define **source-to-target** mappings and acceptance criteria, and translate priorities into scalable Azure data-platform solutions.
- Built reusable **ADF** and **Databricks ETL/ELT** pipelines for structured and semi-structured sources, applying parameterisation, validation, error handling and operational logging before landing data in **ADLS Gen2**.

- Implemented cross-platform processing with **Synapse** dedicated/serverless SQL pools, Spark notebooks and **Microsoft Fabric Dataflows**, supporting integrated transformation and analytics across cloud workloads.
- Developed **Python** and **PySpark** transformations using **DataFrames**, **RDDs**, joins, aggregations and window functions, applying **partitioning** and **caching** to improve throughput for high-volume distributed processing.
- Designed **ADLS Gen2** and **Delta Lake** layers using **Medallion Architecture**, **ACID** transactions, schema enforcement, controlled schema evolution and time travel to maintain reliable versioned analytical datasets.
- Integrated external **REST APIs** with pagination, throttling, retry logic, exception handling and network-failure recovery, improving resilience and observability of third-party data ingestion.
- Established data governance with **Microsoft Purview** and **Unity Catalog**, implementing lineage, metadata management, **RBAC**, auditing and technical documentation for controlled enterprise data access.
- Built **Power BI** dashboards and analytical reports for KPI monitoring, trend analysis and operational decision support, enabling business users to consume curated platform data through self-service analytics.
- Automated multi-environment releases through **Azure DevOps**, **Git**, **CI/CD**, **ARM templates** and **Databricks Asset Bundles**, strengthening version control, deployment consistency and release traceability.

Employer: Microgate Technologies Ltd, India, From May 2021 to Nov 2024

Client: EQ Bank,
Role: Data Engineer
Responsibilities **Duration: Sep 2023 to Nov 2024**

- Worked with **banking operations**, finance and technology stakeholders to define **customer-account**, **transaction** and **management-reporting** requirements, documenting business rules, data mappings and delivery priorities for scalable data products.
- Orchestrated **ADF** and **Databricks** workflows across **Azure** and **AWS S3**, coordinating batch dependencies, schedules, retries and cross-cloud ingestion for banking and operational data feeds.
- Built **Databricks** and **PySpark** transformation pipelines for high-volume customer and **transaction** datasets, standardising records and producing analytics-ready outputs for near-real-time operational reporting.
- Designed storage patterns across **ADLS**, **Cosmos DB** and **Amazon Redshift** for **transaction**al and analytical workloads, balancing scalable retention, query performance and downstream data-consumption needs.
- Implemented **Delta Lake** batch and streaming patterns with **ACID transaction**s, schema enforcement and data versioning, maintaining reliable history and consistent incremental processing for financial datasets.
- Developed **SQL** and **Spark SQL** transformations for account activity, **transaction** aggregates and **reconciliation** controls, using partitioning, indexing and caching to improve query and processing performance.
- Created **Power BI** dashboards for **transaction** volumes, account activity, **operational KPIs** and service trends, giving banking stakeholders interactive views of performance and exception patterns.
- Applied **Unity Catalog** governance with fine-grained access, lineage and audit controls to protect customer and financial data while supporting enterprise security and data-management standards.
- Managed **Azure DevOps** and **CI/CD** release workflows with automated testing and version control, promoting data-engineering assets consistently across development, testing and production environments.
- Monitored production pipelines through logging, alerting and operational metrics, investigating failures and performance bottlenecks to maintain data freshness, availability and **service-level** reliability.

Client: Bayshore HealthCare,
Role: Data Engineer
Responsibilities **Duration: Apr 2022 to Sep 2023**

- Collaborated with **healthcare operations**, reporting teams and business analysts to capture **service-delivery** and integration requirements, translating them into scalable **SSIS** and **Azure Data Factory** ETL designs.

- Developed **SSIS** and **Databricks** workflows to integrate **SAP** and enterprise healthcare operational data into centralised analytical repositories, applying transformation, validation and controlled load processes.
- Designed **SSAS OLAP** cubes for **service volumes**, operational performance and management reporting, enabling multidimensional analysis and faster access to healthcare business metrics.
- Implemented **Delta Lake** on **ADLS** with schema evolution, versioning and reliable batch/stream processing patterns, supporting consistent handling of **privacy-sensitive** healthcare operational datasets.
- Created **Python** and **PySpark** transformations to cleanse, standardise and enrich service, scheduling and operational datasets, using distributed-processing techniques for scalable data preparation.
- Developed **Power BI** dashboards for service delivery, workload trends and **operational KPIs**, enabling healthcare stakeholders to monitor performance and investigate exceptions through interactive analytics.
- Managed **Git** repositories with structured branching, version tracking and collaborative review practices, maintaining traceability for ETL, **SQL** and reporting changes across delivery teams.
- Optimised **SQL** queries and ETL workloads through indexing, **query tuning** and efficient transformation patterns, improving response times and reliability for high-volume healthcare reporting.
- Provided production support using **incident-management** and **root-cause-analysis** practices, resolving ETL failures and data issues to maintain timely availability of operational reporting datasets.

Client: GDI Integrated Facility Services,
Role: MSBI Developer
Responsibilities **Duration: May 2021 to Apr 2022**

- Partnered with **facilities operations**, service managers and business analysts to define reporting requirements for service delivery, **work-order** backlog, **SLA** attainment and **site-performance** KPIs across managed locations.
- Designed **SSIS** ETL workflows to integrate **SAP** and other enterprise data into central reporting repositories, supporting **facilities-management** analysis with standardised transformation and load controls.
- Developed **SSAS OLAP** cubes for site, service and operational performance analysis, enabling faster multidimensional reporting across work orders, service levels and management metrics.
- Built **Power BI** and **Tableau** dashboards for facilities service delivery, **work-order** trends, **SLA** performance and site-level KPIs, giving operational managers interactive views for prioritisation and decision support.
- Used **Alteryx** to prepare, blend and standardise facilities operational datasets, automating repeatable cleansing and transformation steps before data reached reporting and analytical layers.
- Integrated **SAP** data into BI reporting layers to provide consistent views of **maintenance**, service and operational information across **Power BI**, **Tableau** and enterprise reporting outputs.
- Optimised **SQL** queries and reporting models through indexing, **query tuning** and efficient joins, improving dashboard responsiveness and reducing processing time for recurring operational reports.
- Worked with cross-functional teams to validate KPI definitions, reconcile **source-to-report** results and resolve data-quality issues, improving confidence in facilities and **contract-performance** reporting.
- Managed deployment and **maintenance** of **SSIS**, **SSAS** and reporting solutions through structured release practices, coordinating updates while minimising disruption to operational users.
- Provided **production support** for ETL and BI services, troubleshooting failed loads and report issues to maintain high availability and meet reporting **service-level** expectations for **facilities operations**.

Educational Qualifications

Masters in MSc Management With Data Analytics and PDP – [BPP University], [2026]
Btech in Information Technology – [JNTUK University], [2021]