Job Description – Azure Data Engineer & Senior Data Engineer

# Azure Data Engineer

Location: [Your Location]

Employment Type: Full-Time

Experience Level: 3–5 years

## Job Summary

We are seeking a skilled Azure Data Engineer to help design and implement robust data pipelines within our modern Azure ecosystem. This role is ideal for a hands-on engineer who is passionate about building scalable, secure, and efficient data solutions to empower business analytics and data-driven decision-making.

## Key Responsibilities

* • Design, develop, and maintain scalable data ingestion and transformation pipelines using Azure Data Factory, Synapse, and PySpark.
* • Ingest and process structured/unstructured data from APIs, file systems, and relational databases into Azure Data Lake.
* • Implement business logic and data quality rules through parameterized, metadata-driven frameworks.
* • Ensure data consistency and performance using Delta Lake, partitioning, and schema evolution.
* • Participate in CI/CD processes, version control, and automated deployments via Azure DevOps.
* • Collaborate cross-functionally with data analysts, architects, and product teams to deliver integrated solutions.

## Essential Experience & Skills

* • 3+ years of data engineering experience with a strong focus on Azure cloud technologies.
* • Proficiency in Azure Synapse Analytics, ADF, ADLS Gen2, and PySpark.
* • Solid understanding of SQL, Delta Lake architecture, and performance optimization.
* • Experience working in metadata-driven ingestion and transformation frameworks.
* • Familiarity with DevOps practices, version control (Git), and CI/CD pipelines.
* • Strong grasp of data partitioning, schema handling, and parameterization techniques.

## Desirable Skills & Experience

* • Exposure to Event-driven architecture (Event Hub, Event Grid, Azure Functions).
* • Familiarity with Data Mesh and domain-oriented design concepts.
* • Working knowledge of Microsoft Purview, data lineage tools, and cataloging practices.
* • Hands-on experience with real-time or streaming data pipelines.
* • Azure Certification (e.g., DP-203: Azure Data Engineer Associate).

# Senior Data Engineer (Azure)

Location: [Your Location]

Employment Type: Full-Time

Experience Level: 6–10 years

## Job Summary

We are hiring a Senior Data Engineer with deep expertise in Azure to lead the design and delivery of scalable data solutions. You will architect and govern modern data engineering frameworks that support real-time analytics, governance, and scalable enterprise data platforms.

## Key Responsibilities

* • Lead and architect enterprise-scale data solutions using Azure-native services.
* • Build resilient, metadata-driven frameworks for data ingestion, quality, and transformation.
* • Champion modern data architecture principles like Data Mesh, DataOps, and Delta Lake.
* • Drive performance tuning across Spark workloads, partition strategies, and job parallelization.
* • Guide best practices in CI/CD, testing, lineage, and observability.
* • Mentor junior engineers and collaborate with product, analytics, and infrastructure teams.

## Essential Experience & Skills

* • 6+ years in data engineering, with at least 3 years in Azure cloud environments.
* • Expertise in ADF, Azure Synapse, Delta Lake, and ADLS Gen2.
* • Strong proficiency in PySpark, advanced SQL, and Spark-based performance optimization.
* • Experience in Type 2 SCD implementations, audit trails, and data quality enforcement.
* • Deep knowledge of CI/CD workflows, DevOps practices, and automated testing pipelines.
* • Proven experience with data governance, security, lineage, and schema evolution.

## Desirable Skills & Experience

* • Experience with real-time data streaming (e.g., Event Hub, Kafka) and Function Apps.
* • Hands-on experience with Purview, schema registry, and data cataloging platforms.
* • Familiarity with GitOps, Terraform/ARM templates, and infrastructure as code (IaC).
* • Leadership in setting up data observability frameworks and operational SLAs.
* • Exposure to machine learning pipelines and MLOps is a plus.