**Job Title:**

Senior Data Engineer

**Job Description:**

The Senior Data Engineer is responsible for building and maintaining data pipelines and data warehouse that support business intelligence and analytics solutions to drive operational efficiency and effectiveness by enabling data-driven decisions across the organization. This role, reporting to the Director of Data Analytics & Business Intelligence will design, develop, and maintain a scalable and efficient data architecture that serves as the central source for all data-related needs, ensuring data integrity, security, and accessibility.

**Responsibilities:**

* Work closely with application developers and business teams to develop the enterprise data warehouse, data marts and other business intelligence projects.
* Design, develop ETL process using Azure Data Factory workflows and other tools as appropriate to facilitate efficient data extraction, transformation, and loading (ETL) processes.
* Develop and maintain automated data workflows and scheduling tools.
* Develop and implement automation solutions using tools such as Azure DevOps (ADO), Shell scripting to streamline database management tasks, including provisioning, backup and recovery, monitoring, and deployment processes.
* Implement and maintain data quality checks and validations to ensure data accuracy and consistent across systems.
* Monitor and optimize the performance of SQL queries, ETL processes to ensure efficient data processing and data warehouse reliability.
* Troubleshoot and resolve data-related issues, including data integration failures, data quality problems, and performance bottlenecks.

**Essential Qualifications:**

* Bachelor's degree in Computer Science, Information Systems, or a related field.
* 10+ years of experience building scalable data and analytics solutions, with a focus on designing and implementing complex ETL processes.
* 5+ years of experience in developing data solutions in Cloud (Azure preferred)
* Strong proficiency in ETL tools such as Azure Data Factory, Microsoft SSIS or Informatica PowerCenter.
* In-depth knowledge of SQL and experience working with relational databases like SQL Server, MySQL, or Azure SQL etc.
* Strong understanding of Azure services such as Azure Synapse, Azure Functions and Azure Data Lake storage
* Good understanding of data warehousing concepts and experience with data warehouse design and implementation.
* Proficiency in programming language Python, for data engineering and scripting tasks.
* Experience with version control and CI/CD approach that involves promoting features through a VCS and multiple environments.
* Strong interpersonal and communication skills with Agile/Scrum experience.
* Working knowledge of business intelligence tools such as PowerBI and Tableau.
* Strong problem solving and critical thinking skills with a proven record for identifying and diagnosing problems, and solving complex problems with simple, logical solutions.

**Preferred Qualifications:**

* Microsoft Certified: Azure Data Engineer Associate