



Job Description

Job Title: Senior Data Platform Engineer

FLSA Status: Exempt

Department: Product Development

Reports To: Associate Director, Analytics Solutions

Location: Bentonville, AR

Job Summary: As a Senior Data Platform Engineer, you will be responsible for maintenance and administration of our data pipeline processes and all associated ETL/ELT loads. These processes are foundational to multiple web-based applications serving our consumer goods and retailer customers. You will be a strategic partner for fellow engineers, analysts, and business leads to solve the issues for our diverse customer base.

Essential Duties and Responsibilities

- Participate in the full development life cycle including design, implementation and testing, documentation, delivery, support, and maintenance
- Interface with other team members to extract, transform, and load data from a wide variety of data sources using SQL, scripting (e.g., Python), and Azure technologies
- Develop the end-to-end automation of data pipelines, making datasets readily-consumable by visualization tools
- Gauge database/query performance and diagnose issues through tools such as query plan
- Interface with software for monitoring our servers and DBs, alerting during issues, and reviewing root causes
- Influence the organization to adopt next-generation data technology and frameworks, knowing where and when to implement
- Based on professional experience, develop best practices relevant to our business
- Produce and maintain comprehensive documentation and metadata for your solutions
- Work as part of a team utilizing proactive communication and collaboration skills.
- Other duties as assigned.

Qualifications:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education/Experience:

- Required

- 3+ years of Data Engineering, Software Development, Business Intelligence, Data Science, or related field with a track record of manipulating, processing, and extracting value from large datasets
- Strong knowledge of data mining, data modeling, data warehousing, and distributed storage and computing
- Highly proficient in writing complex, highly-optimized SQL to build ETL pipelines
- Proficient in either Python or C#
- Software engineering or data engineering experience through the full software development lifecycle, including agile methodologies, coding standards, code reviews, source management, build processes, testing, and operations
- Experience in handling architectural and design considerations such as performance, scalability, reusability and flexibility issues
- Ability to understand a wide array of dependencies and downstream effects of a change
- Analytical, creative thinker and problem-solver with demonstrated initiative.
- Optional (pluses)
 - Master's degree in Computer Science, Engineering, Mathematics, or a related technical discipline
 - Familiarity with Exasol, Oracle, MySQL, and/or MS SQL
 - Familiarity with Azure
 - Familiarity with algorithms for detecting data quality issues
 - Familiarity with Data Visualization tools such as Power BI, Tableau, and Microstrategy – and how they ingest/model data
 - Experience providing technical coaching and mentoring to other engineers for best practices on data engineering
 - Prior experience in Retail, CPG, and/or Supply Chain Management industry

Computer Skills: Relational database platforms (i.e. MS SQL, MySQL, etc.), Technical communication, Light server management, Python or C# preferred.

Supervisory Responsibilities: None

The above job description is not intended to be an all-inclusive list of duties and standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as assigned by their supervisor.