



## Job Description

**Job Title:** Software Engineer - Backend

**FLSA Status:** Exempt

**Department:** Product Development

**Reports To:** Associate Director of Cloud Solutions

**Location:** Bentonville, AR (Hybrid) or Full Remote

**Job Summary:** As a Backend Software Engineer, you will be responsible for maintenance and administration of our data pipeline processes and associated ETL/ELT loads. These processes are foundational to multiple web-based applications that serve 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
- Utilize C# and Azure technologies to develop the end-to-end automation of data pipelines, making datasets readily-consumable by visualization tools
- Scale the pieces of our pipeline as needed, automating when possible
- Interface with software for monitoring our servers and databases, alerting during issues, and reviewing root causes
- Influence the organization to adopt next-generation data technology and frameworks, knowing where and when to implement
- 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
- 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 Software Development, Data Engineering, ETL Development, Business Intelligence, Data Science, or related field with a track record of collecting, manipulating, processing, and extracting value from large datasets
  - Proficient in C# or related language
  - Knowledge of data mining, data modeling, data warehousing, and distributed storage and computing
  - 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 Azure
  - Experience with Docker and Kubernetes
  - Familiarity with Exasol, Snowflake, Oracle, MySQL, and/or MS SQL
  - Proficient in writing complex SQL to build ETL pipelines
  - Familiarity with algorithms for detecting data quality issues
  - 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:** C#, Azure, Relational database platforms (i.e. MS SQL, MySQL, etc.), Technical communication, Light server management, Python.

**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.**