Function: Program Management

Family: Enterprise Business Intelligence

Job Title: Eng 4, EBI (Data)

Job Abbreviation: [To be Completed by Compensation Team]

Hierarchy Group: Professional

Hierarchy Level: Professional 4

FLSA Status: [To be completed by Compensation Team]

Summary:

Responsible for transforming large, complex data into consumable business databases and applications for self-service analytics and reporting. Create system architecture, design, and specification using in-depth engineering skills and knowledge to solve difficult development problems and achieve engineering goals. Works closely with a variety of team members to clearly define data product requirements and technical roadmaps. Determine and source appropriate data for a given analysis. Work with data modelers/analysts to understand the business problems they are trying to solve then create or augment data assets to feed their analysis. Integrates knowledge of business and functional priorities. Acts as a key contributor in a complex and crucial environment. May lead teams or projects and shares expertise.

Core Responsibilities:

- Creates technical documentation (internal) using understanding of internal business areas and processes as well as working knowledge of database design, data manipulation, ETL, implementation, information storage & retrieval, and data flow & analysis.
- Designs and architects databases and applications and leads each project through implementation, using in-depth understanding of product life cycle and industry technical knowledge.
- Preemptively recognize and resolve technical issues utilizing knowledge of policies and processes. Recognize and identify implications of changes on projects upstream.
- Solves problems using an aerial view (architectural perspective) and provides recommendations to improve products. Shares knowledge such as trends, aggregate, quantity volume regarding specific data sources.
- Acts as a subject matter expert in one or more technical areas; such as data architecture, data engineering or data manipulation within big data systems like Hadoop (Kafka, Spark, Ambari, Hawk), SQL, and HiveQL. Uses fluency in primary technology and proficiencies in one or more secondary technologies to support adoption of additional or new technologies' by the team.
- Serves as a team leader on projects spanning different engineering disciplines within the organization and acts as a resource for colleagues with less experience. Presents to broader senior leadership team. Understands other business units and how they affect the team and

work. Acts as a liaison between business owners and technical associates to ensure the data collected and processed is both actionable and relevant to the end goals.

- Determines appropriateness of data for storage and optimum storage organization. Determines how tables relate to each other and how fields interact within the tables to develop relational models. Collaborates with technology and platform management partners to optimize data sourcing and processing rules to ensure appropriate data quality.

Education Level: Bachelor's degree

Field of Study: Computer Science or related field

Certifications:

Years of Experience: Generally requires 7-11 years related experience.

Skills:

- Strong in SQL programming
- Knowledge of Data warehouse strategies, including ETL, (M/R)OLAP, Tuning, Schema design, etc.
- Experience working within an enterprise data warehouse environment platforms (Teradata, Netezza, Oracle, etc.). Familiar with core standards and off-the-shelf software applications. Knowledge of at least one programming skill/language and or ability to learn technology quickly
- Knowledge of distributed computing platforms, such as Hadoop, and associated technologies such as MapReduce, Spark, and Hive
- Solid time management skills and deliverables with high-quality work production that meets deadlines. Demonstrate understanding of project management processes from start to finish and be able to communicate effectively for the success of the team
- Demonstrates ability to move from tactical execution to strategic thinking and application. Demonstrated ability to pick up key concepts and apply them to work. Demonstrated ability to analyze, troubleshoot, problem solve and provide input on decision making.
- Task oriented, proactive in identifying and adapting to change while maintaining performance. Produces creative ideas for problem solving, product design and process improvement
- Good listening skills; mentors others; collaborates externally; fosters good relationships; communicates effectively and is politically savvy. Ability to listens to and understands customer requests and provides the most effective resolution, including escalation if necessary
- Exhibits a strong work ethic and is accountable to deadlines
- Makes themselves replaceable. Does not develop silo views. Is able to communicate/collaborate with internal and external contacts/vendors; understands context of work outside function
- Understands context of work outside; moves projects forward; has the ability to prioritize work within team; recognizes and resolves problems. Is fluent with primary technology and proficient in one or more secondary technologies. Is able to learn new technology skills. Is fluent with tools
- Demonstrates knowledge of in-depth understanding of product life cycle, and designs and architects projects through implementation; has advanced industry technical knowledge

Compliance: Bluewhale is an EEO/AA/Drug Free Workplace.

Disclaimer: The above information has been designed to indicate the general nature and level of work performed by employees in this role. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications