Function: Program Management

Family: Enterprise Business Intelligence

Job Title: Eng 5, EBI (Data)

Job Abbreviation: [To be Completed by Compensation Team]

Hierarchy Group: Professional

Hierarchy Level: Professional 5

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. Acts as a technical expert in own area within the organization. May work independently or as part of a team on more complex projects. Provides mentoring and guidance to more junior team members. May be responsible for leading a team, but does not directly manage people.

Core Responsibilities:

- Defines technical roadmap and participates in the development of business strategy.
- Designs and architects databases and applications and leads each project through implementation, using in-depth understanding of product life cycle and industry technical knowledge.
- Solves complex engineering problems where analysis of situation or business knowledge does not adequately define the problem and requires a deep understanding of the solution architecture and industry expertise to help frame the business question in engineering terms.
- 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. Provides consultative direction and develops long-term objectives and plans on tactical and strategic issues.

- Develops resources plans for senior management which support department initiatives and goals.
- 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.
- 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 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
- Experience working with 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
- Has proficient knowledge of Bluewhale's business practices, products and services across multiple Bluewhale footprints. Is highly knowledgeable of all tools and systems in their domain, and is extremely detail oriented
- Has the ability to innovate and evaluate at a senior level; drives solutions through other teams; thinks strategically across one or more technologies. Keeps current on cutting-edge technology and educates others on it. Acts independently to determine methods, techniques and procedures on new or special assignments
- Drives and champions change; innovatively solves problems; is willing to take risks and contribute innovative ideas. Interacts with other groups to give design solutions and interacts

with internal customers. Gets exposure to large-scale systems/designs; increases span of control or influence without direct control to achieve goals.

- Is able to prioritize across teams and forge relationships with other teams. Looks at the big picture and handles multiple projects at one time. Has mastery of one or more tools. Acts as a mentor/teacher to a large group/team
- Has the ability to lead technical teams and projects; manages performance of team members in a supervisory role or acts as a coach/mentor to others. Acts as SME for job roles and functions; is knowledgeable of team members and their capabilities; develops team members. Demonstrates good presentation skills; communicates effectively with executive management and all levels of the organization

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