Function: Program Management

Family: Enterprise Business Intelligence

Job Title: Eng 6, EBI (Data)

Job Abbreviation: [To be Completed by Compensation Team]

Hierarchy Group: Professional

Hierarchy Level: Professional 6

FLSA Status: [To be completed by Compensation Team]

<u>Summary</u>:

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. Recognized as an expert in own area within organization. Provides leadership, mentoring, and guidance. May participate in the development of business strategy. Decisions are far-reaching in terms of setting precedents for the business and technology.

<u>Core Responsibilities:</u>
- 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.
- Serves 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. Determines resources, technology and course of action to achieve results. Leads efforts to forge relationships across teams and/or mentors large groups; builds ties with partner organizations, vendors, and professional organizations.
- Provides leadership, mentoring and guidance to others, but does not directly manage people. Mentors others on cutting-edge technology.
- Acts as a source of expert knowledge; develops and provides solutions for complex business requirements; reviews architecture, design, and development plans to ensure technical impact at company-wide level aligns to department strategy and goals.

- 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.
- 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 15+ years related experience.

Skills:

- Expert in SQL, also in at least 1 other programming language
- Expert knowledge of Data warehouse strategies, including ETL, (M/R)OLAP, Tuning, Schema design, etc. Experience working with CSG/Amdocs Billing systems Required
- Experience working within an enterprise data warehouse environment, (including SQL, procedural SQL, and ETL) in a relational environments and MPP platforms (Teradata, Netezza, Oracle, etc.)
- 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
- Innovates and evaluates at a senior level. Drives solutions through other teams. Thinks strategically across multiple technologies. Functions with great autonomy and provides solutions and guidance independently on other engineering projects within the functional unit and outside

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