

## **Job Description**

### **Big Data Architect, Manager - Data Delivery-**

#### **Description**

As a Big Data Manager, you will focus on managing the information supply chain from acquisition to ingestion, storage and the provisioning of data to points of impact by modernizing and enabling new capabilities. Information value is enhanced through enterprise-scale applications that enable visualization, consumption and monetization of both structured and unstructured data. Big data is becoming one of the most important technology trends that has the potential for dramatically changing the way organizations use information to enhance the customer experience and transform their business models.

#### **Work you'll do**

A Manager will manage and deliver components of client engagements that identify, design, and implement technology and creative business solutions for large companies. Key responsibilities will include:

Manage teams in the identification of business requirements, functional design, process design (including scenario design, flow mapping), prototyping, testing, training, defining support procedures.

Formulate planning, budgeting, forecasting and reporting strategies.

Manage full life cycle implementations.

Develop statements of work and/or client proposals.

Identify business opportunities to increase usability and profitability of information architecture.

Experience with program leadership, governance and change enablement.

Develop and manage vendor relationships.

Lead workshops for client education.

Manage resources and budget on client projects.

Assist and drive the team by providing oversight.

#### **The Team**

##### **Analytics & Cognitive**

In this age of disruption, organizations need to navigate the future with confidence, embracing decision making with clear, data-driven choices that deliver enterprise value in a dynamic business environment.

The Analytics & Cognitive team leverages the power of data, analytics, robotics, science and cognitive technologies to uncover hidden relationships from vast troves of data, generate insights, and inform decision-making. Together with the Strategy practice, our Strategy & Analytics portfolio helps clients transform their business by architecting organizational intelligence programs and differentiated strategies to win in their chosen markets.

Analytics & Cognitive will work with our clients to:

Implement large-scale data ecosystems including data management, governance and the integration of structured and unstructured data to generate insights leveraging cloud-based platforms

Leverage automation, cognitive and science-based techniques to manage data, predict scenarios and prescribe actions

Drive operational efficiency by maintaining their data ecosystems, sourcing analytics expertise and providing As-a-Service offerings for continuous insights and improvements

### **Qualifications**

#### **Required:**

6+ years of relevant technology architecture consulting or industry experience to include Information delivery, Analytics and Business Intelligence based on data from hybrid of Hadoop Distributed File System (HDFS), non-relational (NoSQL, MongoDB, Cassandra) and relational Data Warehouses.

3+ years of hands on experience with data lake implementations, core modernization and data ingestion.

1+ years of hands on experience with Cloud using Amazon Web Services (AWS), Microsoft Azure, or Google Cloud Platform (GCP)

At least 3 years hands on working experience with Big data technologies; MapReduce, Pig, Hive, HBase, Sqoop, Spark, Flume, YARN, Kafka, Storm etc.

Experience working with commercial distributions of HDFS (Hortonworks, Cloudera, Pivotal HD, MapR)

1+ years of hands on experience designing and implementing data ingestion techniques for real time and batch processes for video, voice, weblog, sensor, machine and social media data into Hadoop ecosystems and HDFS clusters.

1+ years of hands on experience with data integration products like Informatica Power Center Big Data Edition (BDE), IBM BigInsights, Talend etc.

Bachelor's Degree or 4 years equivalent professional experience

Ability to travel 80-100% of the time (Monday – Thursday/Friday)

#### **Preferred:**

AWS Certification, Hadoop Certification or Spark Certification

Knowledge and usage of the platform is essential. Not only knowledge of the architecture, but able to get clients to the cloud using the tools and provide an explanation to clients

Experience designing and implementing reporting and visualization for unstructured and structured data sets

Experience in designing and implementing scalable, distributed systems leveraging cloud computing technologies like AWS EC2, AWS Elastic Map Reduce and Microsoft Azure

Experience designing and developing data cleansing routines utilizing typical data quality functions involving standardization, transformation, rationalization, linking and matching

Knowledge of data, master data and metadata related standards, processes and technology

Experience working with multi-Terabyte data sets

Experience with Data Integration on traditional and Hadoop environments

Ability to work independently, manage small engagements or parts of large engagements.

Strong oral and written communication skills, including presentation skills (MS Visio, MS PowerPoint).

Strong problem solving and troubleshooting skills with the ability to exercise mature judgment.

An advanced degree in the area of specialization is preferred.

### **How you'll grow**

Professional development plan focuses on helping people at every level of their career to identify and use their strengths to do their best work every day. From entry-level employees to senior leaders, we believe there's always room to learn. We offer opportunities to help sharpen skills in addition to hands-on experience in the global, fast-changing business world. From on-the-job learning experiences to formal development programs at our in house University, our professionals have a variety of opportunities to continue to grow throughout their career.

### **Culture**

Our positive and supportive culture encourages our people to do their best work every day. We celebrate individuals by recognizing their uniqueness and offering them the flexibility to make daily choices that can help them to be healthy, centered, confident, and aware. We offer well-being programs and are continuously looking for new ways to maintain a culture where our people excel and lead healthy, happy lives.