

## **Data Architect**

### **Duties:**

The Data Architect IV candidate of choice will perform the following activities:

- Performs IT strategic planning, information architecture, and data architecture.
- Assesses existing data architecture and applies industry knowledge to propose solutions leveraging emerging technologies to aid the client in achieving its strategic goals.
- Developing data models, evaluating hardware and software platforms, and integrating systems.
- Evaluating reusability of current data for additional analysis.
- Conducting data cleansing to remove old, unused, or duplicate data from the legacy system.
- Develops strategies for data acquisitions, archive recovery, and implementation of a database.
- Contribute to the creation of conceptual, logical and physical data models.
- Maintain models of the current data architecture.
- Develop models of the proposed future state of the data architecture and provide data architecture best practices and guidelines.
- Establish metrics for tracking and measuring the value of data architecture initiatives.
- Ability to collaborate with enterprise architects, developers, DBAs, and other stakeholders in the development of the organization's data architecture.
- Ability to collaborate with business analysts, data owners, and other stakeholders to ensure business requirements are satisfied.
- Demonstrates excellent oral and written communication skills and demonstrates the ability and skills to provide hands-on training and mentoring support.
- Prepares technical reports and related documentation for presentation to senior leadership.
- Work independently and in a highly collaborative and teaming environment.

### **Required Skills and/or Product Knowledge:**

- Bachelor's degree with 8 or more years' experience.
- Exceptional Data Warehousing and Modeling skills with proven track record designing large, complex Data Warehouse solutions pulling from multiple data sources.
- Development experience using data modeler tools; ERwin, Oracle J-Developer, Tableau, etc.
- Development experience using Oracle 11gR2 and 12C.
- Experience with data replication using DataGuard, Goldengate and storage replication technologies.
- Familiarity with Master Data Management, Business Intelligence, and data warehouse design and implementation techniques.
- Knowledge of Big Data principles and tools.
- Good understanding of ETL technologies (Informatica PowerCenter, Oracle Data Integrator, SSIS, or Ab Initio).

- Applicants selected will be subject to a government security investigation and must meet eligibility requirements for access to classified information.