

## **Data Architect – Rosemont, IL**

**Position Summary:** The Data Architect position will work with stakeholders, both business and IT, to gather data requirements, define and develop data architecture that aligns with and supports the BI strategy. Additionally, this position will be responsible for management and administration of data solutions across all technology platforms working closely with developers and infrastructure teams to optimize application code, designing database schemas, optimizing database performance, planning capacity and managing data security.

### **People or Process Management Responsibility:**

- Works on multiple, complex projects as data solution architect and collaborates with cross-functional teams such as infrastructure, data integration and content delivery teams.
- Ensure existing data/information assets are identified, stewarded, governed and leveraged across the enterprise

### **Position Responsibilities may include, but not limited to:**

- Participate in the gathering business requirements, translating them to data requirements and documenting them
- emphasis on driving towards an enterprise Business Intelligence (BI) strategy that includes reporting, analytics and master data management
- Responsible for the design, development, and maintenance of data models for relational as well as non-relational data stores in a hybrid environment (on-premises and cloud)
- Defines, documents and maintains data and technical environment/architecture and deployment methodologies to enable integrated solutions
- Maintain database performance and availability by identifying and resolving production and application development issues
- Participate in multiple high priority initiatives with aggressive timelines leveraging an agile framework
- Providing guidance and direction to ETL development/support teams on optimal data engineering methods
- Collaborate with cross functional teams such as Infra, Support, DBA and Business team
- Assist with task identification and effort estimates for solution development
- Assist with issue/risk identification and mitigation
- Other duties as assigned

### **Minimum Requirements:**

- Four year degree in Computer Science, Information Systems, or in a related discipline
- 7+ years of conceptual, logical and physical modeling for relational and document/object data stores and data management work experience
- 5+ years of required hands-on IT experience including but not limited to SQL database design and management, BI/data warehouse/analytics
- 2+ years of experience in defining data governance framework and facilitating its adoption
- 1+ year(s) of experience leveraging Cloud Services
- 2+ years of developing solutions using Linux and Windows Server OS
- Experience with development of metadata-driven and fully parameterized data processing tools
- Skilled with data integration issues and integration patterns

- Expert level SQL skills
- Ability to influence and align key stakeholders towards a common goal, drive results and facilitate change.
- Professional and positive approach, self-motivated, strong in building relationships, team player, creative with the ability to work on own initiatives
- Strong written and verbal communication skills
- Strong problem solving and analytical skills
- Strong understanding of SDLC best practices with an emphasis on DW/BI practices
- This position must pass a post-offer background and drug test

**Preferred:**

- Experience with Microsoft Azure, especially designing, populating and managing Azure SQL Server DW
- Experience with big data platforms such as Horton works HDF and HDP (Hadoop, HIVE)
- Experience designing/developing solutions using Avro and JSON formats
- Experience with open source databases such as MySQL
- Familiarity with Cognos Analytics Platform
- ITIL certification
- Experience in Agile methodologies
- Distribution and Logistics Industry experience