

DATA ARCHITECT JOB DESCRIPTION

DEPARTMENT: Information Technology
STATUS: Exempt

SUMMARY

The Data Architect will play a major role in the firm's Master Data Management and Business Analytics programs, ensuring that requirements and policies are aligned to the company's vision in delivering concrete actions to improve the way we do our work and embracing opportunities brought by change.

The Data Architect is responsible for overseeing how data will flow through the successive stages involved. This person will address issues of data migration and define standards for naming, describing, governing, managing, modeling, cleansing, enriching, transforming, moving, storing, searching, and delivering all data within the enterprise. The Data Architect also serves as the liaison between data creators/consumers/stewards and data solution development, and must understand how data is used throughout the firm and the implication on people, processes, products, and technology.

The Data Architect will work directly with stakeholders and team members to define, design, and deliver actionable insights, while working with ETL developers and other professionals in an agile environment.

JOB DESCRIPTION

- Champion data quality, integrity and reliability throughout the department by defining and promoting best practices
- Collaborate with application, solution, and technical architects to understand the implications of respective architectures to maximize the value of information across the organization
- Occupy a key role in defining the overall analytics architecture (patterns, methods, blueprints, etc.)
- Plan and lead data Integration requirements analysis sessions with business users
- Define the key metrics and the minimal required attributes for each domain or subject area to support the ongoing health and development of the firm's MDM platform (Master Data Management)
- Define requirements for data matching and merging rules, survivorship criteria and data stewardship workflows using the firm MDM tool(s)
- Demonstrate a thorough understanding of deterministic and probabilistic matching methodologies and master data hierarchy management

- Provide subject matter expertise on data architecture and data integration implementations
- Responsible for generating data management and integration architectural recommendations for database applications and projects
- Understand and leverage enterprise architecture principles for cross-functional purposes
- Participate in products roadmap planning, recommending technologies and solutions
- Identify and propose new opportunities for data integration and possible SOA implementations
- Consult with business representatives and work with IT Business Analysts to ensure understanding of the business requirements and future strategic direction of the business/function
- Involved in design specifications and standards for semantic layers and multidimensional models for BI projects, across all environments
- All members of the firm are expected to participate in our Global Citizenship program
- Other duties as assigned.

QUALIFICATIONS

REQUIRED SKILLS

- Minimum 3 years direct experience in data management and integration design, development, support, and operations with a leading MDM tool suite. Experience with Maestro MDM Software suite a big plus
- At least five (5) years direct experience in data, database and ETL development, support, and operations using Microsoft SQL Server with emphasis on data quality and data transformations, transport, and security
- Experience with enterprise level data analysis and integration work and/or providing data focused systems integration solutions
- Expert level of technical knowledge on data architecture and data integration
- Exposure to and conceptual understanding of data integration tools and technologies
- Self-motivated with the ability to prioritize, meet deadlines, and manage changing priorities
- Able to deal with ambiguity and make quality decisions in a dynamic, fast-paced environment
- Strong teamwork and interpersonal skills; Ability to communicate and persuade at all management levels and thrive in a cross-functional matrix environment
- Ability to articulate ideas to both technical and non-technical audiences
- Able to quickly learn new technologies as they become prevalent and widely implemented including decision making, time management, and task prioritization
- Ability to work independently with minimum supervision; and
- Effective analytical and problem solving skills and ability to manage multiple projects.



TECHNOLOGY

- Database technology: SQL Server; T-SQL
- Master Data Maestro – MDM Software suite
- ETL Technology: SSIS, Integration Builder
- BI Technology: Power BI; Data Services; SSRS; SSAS
- Knowledge on web-based development technology (e.g. HTML, DHTML, VB script, Jscript, Asp 3.0, InterDev) and XML Web Services (XML, SOAP, XSL, XSD, WSDL, DTD) a major plus; and
- Medium to high-level expertise on web services for data integration a plus.

EDUCATION, CERTIFICATIONS AND/OR EXPERIENCE

- Bachelor's degree in the field of computer science, information management, or related technical discipline preferred; and
- Candidates with equivalent working experience may be considered.

HOURS

Core hours are Monday through Friday, 9:00 a.m. to 6:00 p.m. Must be flexible to work additional hours.

This job description sets forth the authorities and responsibilities of this position and may be changed from time to time as shall be determined.

Hogan Lovells is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, age, national origin, disability, sexual orientation, gender identity or expression, marital status, genetic information or protected Veteran status.