



JOB DESCRIPTION: SENIOR BUSINESS INTELLIGENCE DEVELOPER

DEPARTMENT:	Information Technology	REPORTS TO:	Manager, Software Development
JOB CLASS:	Sr BI Developer	PAY GRADE:	39
EXEMPT STATUS:	Exempt	DATE:	3/8/2016

Our Mission is to deliver a high quality, technology-based education that provides the skills and knowledge students need for success.

POSITION GENERAL SUMMARY:

The Senior Business Intelligence Developer designs, modifies, develops and implements enterprise level reporting solutions and rich dashboards and supports ETL processes and tools. The Senior Business Intelligence Developer is responsible for performing 50% management duties and is responsible for data loading and manipulation to ensure that the data sources are efficiently and effectively loaded into the data warehouse and data is distributed to stakeholders through appropriate Business Intelligence tools. The Senior Business Intelligence Developer is required to provide weekly status reports to their supervisor in the Information Technology (IT) department.

ESSENTIAL POSITION FUNCTIONS:

- Develop and manage effective working relationships with other departments, groups and personnel with whom work must be coordinated or interfaced
- Define, review, and maintain Business Intelligence/Analytic programs for compliance with best practices, industry standards, enterprise architecture, requirements and processes
- Establish and enforce data warehousing standards to meet requirements and business needs
- Evaluate existing subject areas stored in the data warehouse and determine where data should be stored, while working closely with data architect regarding overall architecture
- Create and present training materials and department presentations for FLVS staff
- Develop in-depth understanding of underlying data, data structures, and business uses
- Hands-on assistance, peer coaching, and mentoring to other developers and/or direct reports
- Assist with recruiting, interviewing, and onboarding new hires
- Perform Build Master duties, schedule/manage code reviews, and prepare deployment packages
- Manage Team Foundation Server (TFS) and ensure policies are followed by other team members
- Responsible for following SDLC Agile/Scrum methodology
- Utilizing industry standards to enhance and maintain analysis services cubes(SSAS), SSIS/ETL, SSRS, PowerBi, and Azure within a Microsoft SQL Server environment
- Partner with Infrastructure to assist with conducting root cause analysis to resolve performance and production problems and data issues and data validation
- Provide ongoing maintenance and support of all business intelligence applications
- Provide a minimum of weekly status report updates for current projects
- Meet professional obligations through efficient work habits such as, meeting deadlines, honoring schedules, coordinating resources and meetings in an effective and timely manner, and demonstrate respect for others
- All work responsibilities are subject to having performance goals and/or targets established

(These essential functions are not to be construed as a complete statement of all duties performed. Employees will be required to perform other job related duties as required.)

MINIMUM REQUIREMENTS:

Education/Licensure/Certification:

- Bachelor’s Degree in Computer Science or Information Systems; or equivalent combination of education and relevant experience; Master’s degree preferred; or 5-7 years’ experience managing/training end users with internal systems, such as VSA Suite, PowerBI and LMS or 5-7 years’ experience analyzing data in an educational environment.

Experience:

- 5-7 years developing and implementing enterprise-scale BI tools/reports and dashboards
- 5-7 years MS-SQL writing stored procedures and database schema design
- 5-7 years with Microsoft BI Stack including SSAS, SSIS, and SSRS development
- Extensive experience with data warehouse technologies and implementations such as ETL processes, dimensional modeling cloud services, and reporting tools
- Experience in deploying reporting solutions, analytical tools and dashboards
- Experience working with predictive analytics, forecasting, and statistical software preferred
- Solid experience in analyzing query performance issues and modifying data structures or application code to remedy performance problems preferred
- Experience with Azure, Kimball Dimensional Modeling, Bus Matrix and DW Lifecycle preferred
- Experience with HR, Education, and/or Finance data preferred

Knowledge, abilities and skills:

- Ability to work with users in a requirements analysis role
- Knowledge of logical and physical data modeling concepts (relational and dimensional)
- Highly skilled in SQL development and capable of writing complex and efficient query and stored procedures. Experience in SQL Server 2014 Enterprise Edition or higher preferred
- Advanced knowledge of integration technologies, such as Web Services and messaging systems
- Excellent understanding of relational and dimensional data models
- Knowledge of data administration, repository management, and data warehousing
- Ability to work independently and as part of a team
- Strong interpersonal and customer service skills
- Strong verbal and written communication skills
- Strong conceptual, analytical, and judgment abilities
- Ability to work with/for multiple employees and meet deadlines

CORE COMPETENCIES FOR SUCCESS:

<p>COMMUNICATION SKILLS</p> <p><i>Clearly and effectively conveys and/or presents information verbally; summarizes what was heard to mitigate miscommunication; Shares ideas and perspectives and encourages others to do the same; Informs others involved in a project of new developments; Disseminates information to other employees, as appropriate; Effectively uses multiple channels to communicate important messages; Keeps supervisor well informed about progress and/or problems in a timely manner; Writes in a clear, concise, organized and convincing way for a variety of target audiences; The written message is consistently error-free; The written message has the desired effect on the target audience</i></p>	<p>CUSTOMER FOCUS</p> <p><i>Prioritizes customers (internal and external) and their needs as primary and is dedicated to meeting their expectations; Develops and maintains customer relationships; builds credibility and trust; Quickly and effectively solves customer problems; Provides prompt, attentive service in a cheerful manner; adapts to changing information, conditions or challenges with a positive attitude; Incorporates customer feedback into delivery of service to provide the best experience possible for the customer; Actively promotes FLVS in community by serving as a FLVS ambassador or volunteer</i></p>
<p>INTERPERSONAL SKILLS</p>	<p>FUNCTIONAL /TECHNICAL EXPERTISE</p>

<i>Relates well with others; Treats others with respect; Shares views in a tactful way; Demonstrates diplomacy by approaching others about sensitive issues in non-threatening ways; Considers and responds appropriately to the needs, feelings and capabilities of others; Fosters an environment conducive to open, transparent communication among all levels and positions; Takes the initiative to get to know internal and external customers</i>	<i>Has the skills, abilities, knowledge and experience to be successful in functional area of expertise; Dedicates time and energy to keeping abreast of the latest information related to area of expertise and technology; Picks up on technology quickly; Does well in technical courses and seminars; Produces high quality work in organized and timely fashion</i>
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INDIVIDUAL CONTRIBUTOR COMPETENCIES FOR SUCCESS:

<p align="center">PEER RELATIONSHIPS</p> <p><i>Finds common ground and solves problems for the good of all; Can represent his/her own interests and yet be fair to other groups; Solves problems with peers with minimal “noise”; Is seen as a team player and is cooperative; Easily gains trust and support peers; Encourages collaboration; Is candid with peers</i></p>	<p align="center">CREATIVITY</p> <p><i>Comes up with a lot of new and unique ideas; Easily makes connections among previously unrelated notions; Tends to be seen as original and value-added in brainstorming sessions; Takes calculated risks; Is not afraid to try new things and potentially “fail fast”</i></p>
<p align="center">SELF KNOWLEDGE</p> <p><i>Seeks feedback; Gains insight from mistakes; Is open to constructive criticism; isn’t defensive; Proactively seeks to understand his/her strengths and areas for growth; applies information to best serve organization; Recognizes how his/her behavior impacts others and incorporates insight into future interactions</i></p>	<p align="center">PLANNING</p> <p><i>Accurately scopes out length and difficulty of tasks and projects; Sets objectives and goals; Breaks down work into the process steps; Develops schedules and task/people assignments; Anticipates and adjusts for problems and roadblocks; Measures performance against goals; Evaluates results</i></p>
<p align="center">ORGANIZING</p> <p><i>Uses his/her time effectively and efficiently; Concentrates his/her efforts on the more important priorities; Can attend to a broader range of activities as a result of organizing time efficiently; Can marshal resources (people, funding, material, support) to get things done; Can orchestrate multiple activities at once to accomplish a goal; Arranges information and files in a useful manner</i></p>	<p align="center">PROBLEM SOLVING</p> <p><i>Uses rigorous logic and methods to solve difficult problems with effective solutions; Probes all fruitful sources for answers; Can see hidden problems; Is excellent at honest analysis; Looks beyond the obvious and doesn’t stop at the first answers</i></p>
<p align="center">DRIVE FOR RESULTS</p> <p><i>Can be counted on to exceed goals successfully; Very bottom-line oriented; Steadfastly pushes self and others for results; Is full of energy for the things he/she sees as challenging; Not fearful of acting with a minimum of planning; Consistently seizes opportunities; Consistently exceeds goals</i></p>	

PHYSICAL REQUIREMENTS AND ENVIRONMENTAL CONDITIONS:

- Location: Remote / VLC
- Frequency of travel: Occasional travel is required for meetings, trainings and conferences; location may vary and may require overnight stays
- Light physical activities and efforts required working in an office environment

(Reasonable accommodations will be made in accordance with existing ADA requirements for otherwise qualified individuals with a disability.)

FLVS does not discriminate in admission or access to, or treatment or employment in its programs and activities on the basis of race, color, religion, age, sex, national origin, marital status, disability, genetic information or any other reason prohibited by law.