



JOB DESCRIPTION: FLVS GLOBAL SOFTWARE ARCHITECT

DEPARTMENT:	FLVS Global	REPORTS TO:	Manager, Technical Services
JOB CLASS:	Software Architect	PAY GRADE:	39
EXEMPT STATUS:	Exempt	DATE:	05/20/2013

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 FLVS Global Software Architect defines business system architectures and the subsequent designing, building, and supporting of custom applications and third-party product integrations. The FLVS Global Software Architect provides specific 3rd tier support for custom applications.

ESSENTIAL POSITION FUNCTIONS:

- Provide technical direction and leadership to support software development initiatives for FLVS Global including course delivery, client technical support, and course migration
- Evaluate, design and implement technology solutions for system performance and architecture improvements
- Plan and architect integration layers between business applications and learning management systems
- Develop, test, document, and implement high-quality applications on time that perform according to specifications and requirements
- Performs feasibility analysis on potential projects for management
- Analyze performance of programs and take action to correct deficiencies by modifying software applications or architecture to resolve issues and plan for future growth
- Develop, produce, maintain and evolve architectural documentation as required by the Software Development Life Cycle (SDLC) using industry standards to allow for the maintainability of code
- Develop and manage effective working relationships with other departments, groups, and personnel with whom work must be coordinated or interfaced
- Provide 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
- Industry certifications in software, analytics, data mining, data science or network disciplines such as RHCA, CCAr, and MCA

Experience:

- Seven years' of internet technologies, software development and system architecture experience
- Five years' in LAMP development environment
- Three years' developing and delivering enterprise-wide business software solutions
- Advanced experience with client side technologies such as JavaScript, HTML5, and CSS
- Ability to design large scale, enterprise wide systems, optimized for performance utilizing appropriate industry technologies and best practices
- System architecture
 - Knowledge of at least one industry standard framework e.g., TOGAF
 - Service Oriented Architecture (SOA), Enterprise Service Bus (ESB), Security & Identity Frameworks (ADS, WIF, LDAP)
 - Representational State Transfer (REST), Model View Controller (MVC), Business Rules Engine/Business Process Management Architecture(BRE/BPM),
 - Knowledge of implementation and best practices for version control (GIT)
- Database architecture and analytics
 - Business Intelligence and Analytics
 - Tenants of DBA and prevailing industry DB software such as MySQL/SQL Server
- Network and Security
 - Understands and employs industry best practices for network security
 - Familiar with Application Caching Technologies (App Fabric 1.0, 1.1)
 - Familiar with intrusion detection practices, procedures and tools
- Operating Systems
 - Windows 7, Windows 8, Linux (Red Hat), Windows Server 2010

Knowledge, abilities and skills:

- Ability to demonstrate a thorough understanding of the requirements to solve problems and actively participate in software development
- Ability to identify appropriate software architecture based on requirements
- Competent in learning system platforms and content management systems
- Thorough knowledge of technology solutions for the internet, personal computers, and networks
- Ability to apply best practices including change management, effective error handling and performance instrumentation
- Strong written communication skills
- Strong conceptual, analytical, and judgment abilities

CORE COMPETENCIES FOR SUCCESS:

<p style="text-align: center;">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 style="text-align: center;">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 style="text-align: center;">INTERPERSONAL SKILLS</p> <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></p>	<p style="text-align: center;">FUNCTIONAL /TECHNICAL EXPERTISE</p> <p><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></p>

INDIVIDUAL CONTRIBUTOR COMPETENCIES FOR SUCCESS:

<p style="text-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 style="text-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 style="text-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 style="text-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 style="text-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 style="text-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 style="text-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</i></p>	

seizes opportunities; Consistently exceeds goals

PHYSICAL REQUIREMENTS AND ENVIRONMENTAL CONDITIONS:

- Location: Orlando 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.