

JOB TITLE
ENTERPRISE SOLUTIONS ARCHITECT

DIVISION
ADMINISTRATION

REPORTS TO
ASSISTANT DIRECTOR
SYSTEMS DEVELOPMENT

SALARY SCHEDULE & GRADE
II, GRADE 9

LENGTH OF WORK YEAR
260 DAYS

DATE
JULY 13, 2009

SCOPE OF RESPONSIBILITIES

The Enterprise Solutions Architect's role is to establish architectural standards for in-district software development, insure that systems are compliant with the standards, integrate seamlessly, and exchange data using industry standards. This includes extending core district systems using such standards, automating business processes and integrating systems for data exchange and access. This person will also support the development of test architectures, technology validation strategies, and implements core systems to facilitate collaboration and communication between disparate systems.

PERFORMANCE RESPONSIBILITIES

1. Mainstream the Enterprise Information Architecture process standards and good practices for information-centric development processes into the systems development life cycle.
2. Monitors adherence to corporate standards in application design, development, and testing.
3. In collaboration with the Information Integration team, defines, develops, maintains, and communicates information exchange standards that will be used by downstream systems.
4. Leads the district efforts by working with vendors and integrating key systems to insure seamless interoperability based on established standards like School Interoperability Framework and single sign-on.
5. Provides information/data technical leadership for the development, maintenance and support of the enterprise information integration architecture.
6. Leads the development and maintenance of information management standards and conventions (e.g., naming standards, information architecture gates in the Information Technology development projects, etc).
7. Leads the efforts in extending key district systems like student information system to meet the district needs.
8. Defines Customization, Extensibility and Integration Application Programming Interfaces for district systems.
9. Provides design specifications for in-house software development and insures the final product is standards compliant.
10. Performs other duties as assigned by the Assistant Director Systems Development.

PHYSICAL DEMANDS

The work is primarily sedentary. It requires the ability to communicate effectively using speech, vision and hearing. The work requires the use of hands for simple grasping and fine manipulations. The work at times requires bending, squatting, crawling, climbing, reaching, with the ability to lift, carry, push or pull light weights.

MINIMUM QUALIFICATIONS

1. Bachelor's degree in related field
2. Five (5) years experience designing enterprise information systems using industry-standard design architecture
3. Broad hands-on knowledge of multiple programming paradigms and strong database design and query skills
4. In-depth knowledge of web technologies, system integration techniques and Information Technology compliance and governance as it relates to automated processes and systems development

DESIRABLE QUALIFICATIONS

1. Master's degree in computer science
2. Hands-on experience in managing and implementing enterprise collaboration framework
3. Hands-on experience in .Net technologies, Microsoft SharePoint Portal Server, document management, software as a service methodology (SAAS), and Structured Query Language Server Integration Services

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