

CLASSIFIED JOB DESCRIPTION

SENIOR SYSTEMS ANALYST

JOB SUMMARY:

Assumes a lead role under the direction of the Information Technology Director, performing highly complex duties in the planning, evaluation, development, implementation, installation configuration, integration, and management of Districtwide core systems. Performs systems architect and engineer solutions; performs systems design and engineering of complex systems including cloud, network, software, and data systems. Engineers components and services to develop solutions to meet the technology and information services needs of District schools, departments, and business areas for achievement of their academic, business, operational, service, and productivity objectives. Provides expert technical advice and consulting to technology staff, team members, and managers by assuming a lead role in the design, planning, and implementation phases of District technology initiatives.

ESSENTIAL JOB FUNCTIONS:

- Designs, engineers, and deploys solutions that include installation, configuration, integration, and administration of systems and application software.
- Manages Systems Interoperability Framework (SIF) Zone Integration Servers and software agents.
- Manages virtualized server and virtualized storage architecture and systems, both on premise and cloud based, including creation, migration and management of new servers and storage.
- Performs system architect and engineering solutions for Voice Over Internet Protocol telecom systems, audio and video streaming, and distribution and web conferencing.
- Supports initiatives for network design optimization and utilization.
- Implements and administrates both collaboration and social network solutions.
- Oversees the implementation of mobile device management and mobile application management systems.
- Puts into effect and manages on-premise and cloud-based Business Intelligence and Analytic software solutions, including reporting solutions.
- Implements and administrates both on-premise and cloud-based operations management and ticketing systems
- Manages on-premise and cloud-based internet, intranet, extranet, and identity management systems and manages on-premise Districtwide enterprise directory services and cloud-based directories for user account, distribution groups, and security.
- Configures integration between networks, servers and databases for both on-premise and cloud-based systems.
- Designs and determines service-level agreements for disaster and recovery of District data center and cloud-based servers and storage, including databases, and ensures backup and recovery processes are completed as scheduled.
- Administers cloud-based and enterprise application software; installs, upgrades, and implements application fixes and patches, and performance optimization.
- Configures and monitors on-premise and cloud-based systems security structures and protocols and maintains District computer systems availability, reliability, and security.
- Performs configuration and administration of storage area network. Promotes the effective sharing and utilization of common data across applications and departments/business units.

- Provides advanced technical support to technology staff and managers including advice and guidance; collaborates and provides guidance to technicians on computer related issues, complex processes, and system interdependencies.
- Possesses excellent organizational and project management skills.
- Reviews specifications and responds to developers on District customization requests.
- Documents application changes and ensures projects are implemented across application environments in an orderly manner.
- Ensures compliance to project standards contract requirements and industry best practices.
- Keeps abreast of advancements and emerging trends in computer, storage, and data management systems; networking; and multi-platform communication technologies.
- Consults with vendors and other sources on industry and product direction, functionality, and capabilities.

ESSENTIAL JOB REQUIREMENTS - QUALIFICATIONS:

- High school diploma or GED requirement.

Classified Salary Schedule: Range 59
BOARD APPROVED: 4/17/07
REVISED: (Range Change) 7/8/15
7/17/23
08/09/2023