

## ANALYST III-DevOps K-8

### DEFINITION:

Under the supervision of the Coordinator Information Services, designs, implements, and maintains computing systems; develops scalable, reliable and performant infrastructure; builds and maintains systems for automation and deployment of custom applications; creates and maintains test environments; develops logging, monitoring and alerting systems; crafts accurate and readable documentation for internal and external use; plans for high availability and disaster recovery.

### DISTINGUISHING CHARACTERISTICS:

The Analyst III -DevOps takes primary responsibility for cloud infrastructure, deployment, logging and availability of a variety of systems. This position is distinguished by the level of leadership expected and the high complexity, resource investment, and/or potential risk or conflict typically inherent to the incumbent's assigned projects.

### ESSENTIAL DUTIES AND RESPONSIBILITIES

- include the following. Other duties may be assigned.
- x Oversee complex technology systems, including implementation, technical problem solving, ongoing support, and enhancements. Evaluate systems for cost effectiveness and support of district objectives.
  - x Prepares cost and benefit analysis of alternative hardware and software solutions; surveys hardware and software trends and makes strategic recommendations relative to new advances and the needs of; makes recommendations relating to assigned activities affecting IUSD.
  - x Maintains, monitors and analyzes District data systems security; troubleshoots

- production environment.
- x Automates cloud native technologies
- x Implements and maintains a version
- x Develops continuous integration and
- x Installs/updates software on servers and responds to help desk work requests and edits programs and make necessary
- x Communicates with administrators of organizations to coordinate activities
- x Monitors cloud spending to prevent
- x Prepares and maintains a variety of
- x Operates a variety of office equipment
- x Drives a vehicle to various sites to
- x Attends and participates in meetings of technological advances and industry

### QUALIFICATIONS GUIDE

#### Knowledge of:

- x Logging frameworks, log aggregation, log storage and log querying strategy.
- x Infrastructure performance monitoring.
- x System and cloud scripting languages
- x Strategies for system failover and actionable alerts. Develop health checks.

