

<b>Job Title:</b>	SQL Developer Analyst
<b>Grade Level/Terms of Employment:</b>	Grade 124 / 12 Month (260 days) Contract
<b>FLSA Status:</b>	Exempt
<b>Work Location:</b>	Technology Services
<b>Immediate Supervisor:</b>	Manager, Business Applications

### **General Description:**

The SQL Developer Analyst designs, develops, and maintains complex and critical SQL-based applications based on division needs, and modifies and maintains existing SQL applications. This role is key in the continual improvement of the development environment within Richmond Public Schools.

### **Essential Duties and Responsibilities:**

- Develops SQL queries of medium to high complexity.
- Develops, deploys and/or maintains reports and Microsoft SQL Integration Services (SSIS) packages using Microsoft SQL Server Reporting Services (SSRS) 2008 and/or higher.
- Determines and documents technical requirements for application systems, including system module interface and report design, unit test plans, and test cases.
- Supports all phases of the software development cycle including requirements gathering, analysis, design, testing, implementation, and production.
- Develops, debugs, and tests system interfaces and reports based on user requirements and input from subject matter experts.
- Leads and facilitates design sessions and code walk-throughs.
- Creates database release deployment scripts and builds database objects.
- Establishes and maintains documentation on all database build procedures, guidelines, methods, and standards.
- Trains other staff members to ensure consistency in the development processes.
- Provides recommendations regarding further definition of development standards and application architecture.
- Performs unit testing and assists in user testing of interface or report modifications.
- Develops and maintains effective partnerships with various client groups in order to meet project needs typically within tight deadlines.
- Applies industry best practices to ensure maintenance of each application and increase awareness of new technologies or ideas.
- Performs related duties as assigned.

### **Qualifications:**

- High school diploma or its equivalency required; Bachelor Degree from an accredited college or university required degree preferred.
- Knowledgeable in the following technical skills: AS400 systems, SQL Server including Transact-SQL, stored procedures, functions, views, triggers, indexes, query tuning, SSIS, and RDBMS SQL server reporting services management, configuration, deployment principles of database design, development, data modeling, and large

data sets, large data partitioning, bulk operations, XML, and flat file processing ETL tools such as DTS or SSIS Object oriented programming in JAVA or NET.

- Advanced verbal communication and technical writing skills required.
- Strong ability to analyze situations, define problems, identify relevant factors and relationships, formulate solutions, and recognize the implications of those solutions.