



NEW YORK CITY DEPARTMENT OF EDUCATION
CITYWIDE VACANCY NOTICE

CIVIL SERVICE TITLE:

Certified Applications Developer (13643)
Level 3

FUNCTIONAL TITLE:

Applications Developer

ASSIGNMENT NUMBER:

740-08-027

NUMBER OF POSITIONS AVAILABLE

1 position

PROGRAM AREA:

Division of Instructional & Information
Technology

LOCATION:

2 MetroTech Center – Suite 3600
Brooklyn, New York 11201

SALARY:

\$82,666+

The Office of Data Management/Reporting & Analysis is responsible for designing, programming, debugging, testing, maintaining, implementing and enhancing various DIIT student based systems and related non browser-based applications.

JOB DESCRIPTION:

1. Participates in the collection of user requirements, development, testing, training and deployment phases as well as the continued support of .Net framework applications. Maintains documentation in all phases of the project.
2. Develops and maintains BizTalk programs for real time integration between the mainframe systems and the .Net systems.
3. Coordinates with application developers from High School Scheduling (HSST), Automate the Schools (ATS), SourceCorp, Special Education Component (SEC) and the Child Assistance Program (CAP) systems to code programs, perform uploads, develop stored procedures of views, update processes for various applications, assist with the maintenance of databases and perform extracts.
4. Troubleshoots, provides data services and resolves problems arising from the conversion of data from the Student Information System (SIS) to the SIF model.
5. Implements enhancements, modifications and upgrades to various databases developed on the Microsoft .Net Platform. Ensures that users are able to utilize both systems without compromise to data integrity. Performs programming changes and testing to ensure system infrastructure.
6. Assists with analyzing, developing, testing and troubleshooting requirements and specifications for the integration of student systems developed on the Microsoft .Net platform which record, maintain and report student data.
7. Responsible for complex and ongoing software functions related to the migration of existing DOE mainframe systems to the SIF database. Migration will occur as needed for new systems development and for the migration of existing systems to the .Net environment.
8. Performs data mapping and data conversion and develops business objectives for retrieving data.
9. Defines data into precise data models which specify entities, attributes and relationships between data.
10. Responsible for product development by contributing to various phases of the application development life cycle, including project planning, feasibility studies, cost-benefit analyses, impact analyses, and prioritization of tasks related to the migration of data from existing mainframe and SQL server databases to the SIF model.
11. Performs web-based application system design and coding, testing and debugging in .Net environment and documents software modifications.
12. Evaluates new technologies, standards and hardware and software products.
13. Responsible for ensuring accuracy and completeness of data backup and recovery and monitors databases for optimal performance, best practices, policies and procedures.
14. Provides technical support for troubleshooting existing computer applications programs and software and provides technical resolution.
15. Develops user training documentation and trains end users or technical support staff on program and system usage.

MINIMUM REQUIREMENTS

Microsoft Certified Applications Developer for .Net (MCAD) –OR-
Microsoft Certified Solutions Developer for .Net (MCSD) – AND -

1. A baccalaureate degree from an accredited college, and two years of satisfactory full-time (not classroom based) experience in database administration planning, design, configuration, installation, troubleshooting, integration, performance monitoring, maintenance, enhancement, and security management;
- OR**
2. A four-year high school diploma or its educational equivalent and six years of satisfactory full-time (not classroom based) information technology experience of which at least 2 years must have been as described in "1" above;
- OR**
3. A master's degree in computer science or a related field from an accredited college may substitute for one year of experience. However, all candidates must have at least one year of satisfactory full-time (not classroom based) information technology experience as described in "1" above.

In addition to meeting the minimum Qualification Requirements, incumbents may be required to update existing and/or obtain additional professional industry-standard certification(s) for current and future technical environment(s) in which they may be assigned to work, as determined by the employing agency.

PREFERRED QUALIFICATIONS

1. Extensive knowledge of and experience with Microsoft Access, VB, Visual Studio 2003, .Net, ASP.Net is required.
2. Knowledge of Mainframe, ADO.Net, XML, C# Crystal Reports and Internet Security protocols is desirable.
3. Excellent communication skills both verbal and written.
4. Ability to exercise independent judgment, creative problem-solving techniques and to work in a team environment.

To apply for this assignment, send resume to:

New York City Department of Education
Division of Instructional & Information Technology
Re: Applications Developer
2 MetroTech Center – Suite 3600
Brooklyn, New York 11201
Attention: Carolyn Gardener
OR by e-mail to:
AppsDeveloper@schools.nyc.gov

Applications must be received by July 18, 2008.

Quote assignment number and day-evening phone numbers on the top right corner of your resume. Only applicants scheduled for interviews will be contacted.

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