



## Programmer/Web Application Developer

### **JOB DESCRIPTION**

The Programmer/Web Application Developer, under the supervision of the Director of Network Services, plans, implements, and maintains several database-driven web applications. The individual will work to create database-driven websites that can handle high volumes of online users while adhering to strict security standards (i.e. FERPA).

### **EDUCATIONAL AND CERTIFICATION REQUIREMENTS**

- Bachelor's degree in Computer Science or equivalent
- Minimum two years experience with Microsoft IIS Server, ColdFusion, and SQL
- Experience in ODBC, PHP, VB Script, .NET, ASP.NET, CSS, AJAX and AD integration a plus
- Minimum two years experience with developing database-driven web applications
- Examples of work must be provided

### **DUTIES AND RESPONSIBILITIES**

1. Assists a team of networking staff to provide integrated technology services to users
2. Analyzes users and develop customized solutions to meet those needs
3. Develops, writes tests, and maintains software to support or interact with the database systems in accordance with security policies and standards
4. Works with Database Administrator to design and develop processes, databases, and data flow between systems
5. Develops program utilities to automate processes
6. Supports planning and design application functionality based upon business and technical requirements and will assist customers in understanding software and hardware needs
7. Ongoing support for applications including installation, testing, quality assurance, upgrades, and patches
8. Supports customers on complex technical issues (day end processing, client/server software installation, database administration, and configuration management)
9. Responds to clients within the time frame dictated by the severity of the problem: document and track case histories, issues, and action steps
10. Researches technical processes using sources such as error logs and product technical documentation, and identify solutions to resolve problems or improve efficiency
11. Develops and maintains documentation on customized applications
12. Maintains confidentiality as it pertains to the position and data
13. Performs other duties as assigned

### **MENTAL DEMANDS**

#### ***Language Skills***

- Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations
- Ability to write reports, business correspondence, and procedure manuals
- Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public

#### ***Mathematical Skills***

- Ability to work with mathematical concepts, such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry
- Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations

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***Reasoning Ability***

- Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists
- Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form

**PHYSICAL DEMANDS**

While performing the duties of this position, the employee is regularly required to sit, talk, hear, occasionally required to stand, walk, use hands to finger, handle or feel, reach with hands and arms, climb or balance and stoop, kneel, crouch, or crawl. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this position include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

**PAY SCALE: PO5**

**NUMBER OF DAYS: 226**

**The Judson School District considers applicants for all positions without regard to race, color, national origin, age, religion, sex, marital or veteran status, the presence of a medical condition, disability, or any other legally protected status.**

*Revised  
12/2/07*