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| Job Title: | Programmer Analyst Senior Web | Wage/Hour Status: | Daily, Exempt |
| Reports to: | Web and Business Solutions Manager | Pay Grade: | 506 |
| Dept./School: | IT | Date Revised: | May 11, 2021 |

Primary Purpose

Provide leadership in the development and maintenance of the district's internet and intranet websites. Assist in the development of policies and procedures for website design standards.

Qualifications**Education/Certification**

Bachelor's Degree in Business Administration, Computer Information Systems or related field

OR

High School Diploma and Ten (10) years' experience with website programming, systems analysis, and design

Special Knowledge/Skills

- Knowledge of current internet standards, including web browsers specifications
- Knowledge in PHP, SQL HTML, JavaScript, CSS, XML, JSON, and YAML
- Knowledge of programming frameworks, libraries, and tools such as Laravel, Symfony, jQuery, Composer, Handlebars, Grunt, Gulp, SCSS
- Knowledge in Git or other distributed version control systems (DVCS)
- Knowledge in legacy web applications and updating them to new standards.
- Working knowledge of networking technologies, including security and encryption on the internet, and basic networking concepts
- Knowledge in Linux servers (Debian, Ubuntu Server, CentOS), and configuring Apache, MySQL, Redis, and Memcache.
- Knowledge of web page management, programming tools, and procedures
- Knowledge of database integration
- Ability to learn new techniques, tools, technology, and procedures to provide modern solutions to infrastructure
- Graphic design skills, and modern UI/UX practices
- Strong organizational, communication, and interpersonal skills

Experience

Five (5) years' experience in leadership role

Major Responsibilities and Duties

1. Work with internal end-users and other systems/programmer analysts to determine functional needs.
2. Perform phases of software development, including analysis, design, writing code, testing, and implementation.
3. Conduct detailed systems analysis to define software requirements.
4. Design applications, user interfaces and database elements as required.
5. Create, maintain, and update technical manuals and documentation for internally developed software.
6. Identify application-related problems and recommend solutions.
7. Work closely to coordinate all phases of development lifecycle with the Web Solutions Manager and web development team.
8. Analyze, review, and modify programs to increase operating efficiency or adapt to new requirements.
9. Perform other duties as assigned by supervisor.

Web Software Development

10. Design, develop, and implement software packages for web sites.
11. Establishing communication between the district's website and various data sources, both internal and external.

Web Graphic Design

12. Design HTML prototypes, visual interfaces, and interaction of web-based applications.

Web System Administration

- 13. Assist supervisor with the administration of the web system.
- 14. Work with appropriate district personnel in creating and/or maintaining web page presence on the district's Internet or Intranet servers.
- 15. Monitor adherence to district web page design and publishing techniques.

Additional Responsibilities

- 16. Train and support district staff to work with systems and programs.
- 17. Compile and maintain physical and computerized records, reports, and other required documents.
- 18. Adhere to policies established by federal and state law, State Board of Education rule, and local board policy.
- 19. Keep abreast of changes in technology and apply new knowledge to the job.
- 20. Assume responsibility for professional growth.
- 21. Perform other duties as assigned by supervisor.

Supervisory Responsibilities

None

Physical and Mental Job Requirements

Mental Demands/Physical Demands/Environmental Factors

Maintain emotional control under stress. Repetitive hand motions and prolonged use of the computer. Occasional prolonged and irregular hours.

Terms of Employment

226 days; salary to be established by the Board of Trustees

The foregoing statements describe the general purpose and responsibilities assigned to this job and are not an exhaustive list of all responsibilities and duties that may be assigned or skills that may be required.

Approved: _____

Job Title: _____

Date: _____

Approved: _____

Job Title: _____

Date: _____

My supervisor has reviewed this job description with me and has provided me a copy

Employee: _____

Date: _____

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Preguntas acerca de la aplicación del título VI, VII o IX, y la Sección 504 pueden ser referidas al oficial del distrito, Rosa Ramos at 230-2031; preguntas sobre 504 tocante a estudiantes pueden ser referidas a Kelly Ball al 230-2856.