



Senior Web Developer

Classified Range: 63

Board Approved: 11/18/21 P. 1|5

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job; however, any additional duties will be reasonably related to this class.*

SUMMARY DESCRIPTION

Manages the content, implementation, maintenance, improvement and support of the District's website and provides support for district-wide web applications and systems.

DISTINGUISHING CHARACTERISTICS

The Senior Web Developer classification is distinguished from the Web Developer in that employees in this classification provide support applications used district-wide and provide lead support for Web Developers in addition to routine Web Developer duties. Incumbent in this position are expected to have advanced knowledge of HyperText Markup Language (HTML), Cascading Style Sheets (CSS), and JavaScript of a server-side language such as Hypertext Pre-processor (PHP), Active Server Pages (ASP), .NET, Java, etc.

SUPERVISION RECEIVED AND EXERCISED:

Receives limited direction from appropriate supervisor; refers only unusual decisions to supervisor. May provide technical and functional direction to assigned student workers. Provides support for the assignments of Web Developers.

REPRESENTATIVE DUTIES

The following duties are typical for this classification.

1. Performs various duties in the maintenance and operation of the District's public and staff websites; manages SharePoint administration; ensures website and web pages comply with applicable policies, guidelines, and standards.
2. Coordinates web functions, monitors web activities, incorporates new technologies, and enhances existing websites; assists in design, development, and deployment of innovative tools to manage various tasks throughout the District.
3. Assists and provides training to Web Developers as needed; serves as lead for assignments and projects as assigned.
4. Assists in monitoring the life cycle of Public Key Infrastructure (PKI) certificates for District websites and portals; maintains software and certificates on district web servers.
5. Responsible for the development of custom .NET and PHP applications and creation of Code Repository for custom .NET, PHP and Structured Query Language (SQL) development projects.
6. Manages and configures Information Services on the Web Server; maintains security of district-wide web applications and database interfaces; works with state-wide applications to improve security and reduce fraud.
7. Creates new web pages, templates, and updates existing web pages as necessary; re-designs or realigns graphical elements and page layout as requested; uses current technologies to ensure proper display of website on various devices such as tablets and smartphones.



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8. Assists with data integration into Microsoft SQL Server and other database products; 3rd party web application integrations, and other custom integrations, such as district-wide Single Sign On.
9. Ensures the website that it is efficient, user-friendly, and projects a professional image of the District; ensures compliance with applicable legal requirements and the District's policies on website usage.
10. Coordinates with departments to maintain the integrity, consistency, and accuracy of the written and graphical content of online publications.
11. Works collaboratively with faculty, staff, and administration on website development; provides support in creating web content, including custom development related to the Content Management System (CMS).
12. Supports district-wide program initiatives in creating functional databases and processing systems. Support homegrown desktop applications that are used to supplement current systems.
13. Provides up-to-date information on site analytics as requested; creates reports and data extracts using various reporting tools.
14. Recommends and implements processes, methods, and programs to continually improve systems district-wide.
15. Provide support to all levels of users and encourage timeliness and accuracy of web page information and resolution of problems.
16. Stays current on web technologies and communicate the information to promote and support system usage.
17. Performs other duties related to the primary job duties.

MINIMUM QUALIFICATIONS

CORE COMPETENCIES:

Mathematical Facility

- Performs operations involving counting, adding, subtracting, multiplication and division
- Follow multi-step computational procedures and apply formulas
- Apply basic algebraic or geometric reasoning and problem solving
- Recognize approaches and algorithms for finding real world computational solutions**
- Computes and interprets descriptive statistics**

Critical Thinking

- Analytically and logically evaluates information to resolve problems
- Follow guide, SOP or other step by step procedures for locating the source of a problem and fixing it
- May detect ambiguous, incomplete, or conflicting information or instructions**

Attention to Detail

- Focusing on the details of work content



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- Shows care and thoroughness in adhering to process and procedures that assure quality
- Applies knowledge and skill in recognizing and evaluating details of work**
- Applies skilled final touches on products

Analyzing and Interpreting Data

- Apply sorting, coding and categorizing rules
- Analyze data
- Read reports
- Draw meaning and conclusions from quantitative and/or qualitative data

Professional Integrity and Ethics

- Follows a clear-cut set of rules
- Understands practical necessity of rules and ethical guidelines
- Shows consistency in behavior and judgement over a long term and varied situations

Legal and Regulatory Navigation

- Understanding, interpreting, and ensuring compliance with laws and regulations
- Locates, understands, or provides factual regulator information**
- Works within the bounds and limits of what is permissible

Using Technology

- Working with electronic hardware and software applications
- Using basic features and functions of software and hardware
- Experiments and finds novel uses for standard features and functions **
- Adds, improves, modifies, or develops features and functionality**

Adaptability

- Responding positively to change and modifying behavior as the situation requires**
- Accept and adjust to changes and the unfamiliar

Innovation

- Imagining and devising new and better ways of doing things**
- Fix what is broken; find solutions and fixes with resources at hand
- Finds new approaches to performing familiar tasks
- Create and invent new ideas; envision the unexpected, unexplored, untried**

Listening

- Comprehend and verbal instructions and orally presented information
- Recalls or retrieves key points in a conversation
- Listen actively by rephrasing others' input cogently and accurately**



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Professional and Technical Expertise

- Applying technical subject matter to the job **
- Knows the rudimentary concepts of performing the essential technical operations
- Possess recognized expertise outside of the organization**

Self-Management

- Follows through on instructions and assignments
- Self-directed and self-monitored in commitments and accomplishments
- Redefines or reprioritizes activities within scope of responsibility

Valuing Diversity

- Shows acceptance of individual differences
- Welcomes input and inclusion of others who may be different from oneself
- Shows understanding and empathy for the challenges of groups seeking inclusion or dealing with perceived discrimination

***Lead, Advanced or Senior Level Positions*

Education and Experience Guidelines

Education/Training:

A Bachelor's Degree from an accredited college or university with major course work in computer science, management information systems or a related field.

Experience:

Four (4) years of experience with Web design and development that includes managing a large organizational website (500+ pages).

Equivalency Provision

In the absence of a Bachelor's Degree from an accredited college or university with major course work in computer science, management information systems or a related field, an Associate's degree and six (6) years of experience with Web design and development that includes managing a large organizational website (500+ pages) is qualifying.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

Environment: Work is performed primarily in a standard office setting with extended periods of time viewing computer monitor.

Physical: Primary functions require sufficient physical ability and mobility to work in an office setting; to stand or sit for prolonged periods of time; to occasionally stoop, bend, kneel, crouch, reach, and twist; to occasionally lift, carry, push, and/or pull light to moderate amounts of weight up to 25 pounds;



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to operate office equipment requiring repetitive hand movement and fine coordination including use of a computer keyboard; and to verbally communicate to exchange information.

Vision: See in the normal visual range with or without correction; vision sufficient to read computer screens and printed documents; and to operate assigned equipment.

Hearing: Hear in the normal audio range with or without correction.