Web Programmer II

Position Details

Class Code: 1538
Job Family: Information Systems
Classification: Support Professional
Terms of Employment: Pay Grade 59 on the Support Professional Salary Schedule
FLSA STATUS: NON-EXEMPT

Position Summary

Under general direction, provides analytical and programming support to professional/technical staff; programs applications systems/modifications; performs programming in support of schools and administrative services for multiple web platform applications.

Essential Duties and Responsibilities

This list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Conducts feasibility studies and develops system, time, equipment, and cost requirements.
2. Creates programs for internal and external webpages.
3. Writes scripts and programs to enhance dynamic written and designed web content.
4. Simulates hardware/software problems, tests/evaluates alternative solutions, and recommends/implements appropriate applications designs utilizing computer-generated techniques.
5. Develops program logic and processing steps; codes programs in varied languages.
6. Plans and develops test data to validate new or modified programs; designs input and output forms/documents.

7. Troubleshoots hardware and software problems, as needed, for school/department staff, other agencies, and information systems personnel.
8. Writes program documentation and customer procedures/instructions; assists school/department users and staff in implementing new or modified applications; tracks and evaluates project and systems progress.
9. Writes utility programs to support and validate adopted systems and applications.
10. Confers with school/department staff regarding assigned web-based program areas.
11. Ensures user acceptance by soliciting feedback on designs, functionality, and testing; maintains communication with end-users to ensure systems continually meet their expectations.
12. Maintains records and prepares periodic/special reports of work performed.
13. Conforms to safety standards, as prescribed.
14. Performs other tasks related to the position, as assigned.

Distinguishing Characteristics

Performs systems analysis and programming of websites.

Knowledge, Skills, and Abilities (Position Expectations)

1. Ability to write and understand code in PHP scripting language.
2. Ability to write and understand code in JavaScript.
3. Ability to use Ajax/JavaScript Object Notification (AJAX/JSON.)
4. Ability to transmit structured data by use of JavaScript Object Notation/eXtensible Markup Language (JSON/XML.)
5. Ability to create and track site performance metrics.
6. Knowledge of Cascading Style Sheets (CSS) and HyperText Markup Language (HTML5).
7. Knowledge of Actionscript.
8. Knowledge of shell scripting.
9. Knowledge of hardware and software troubleshooting in a Linux/Unix environment.
10. Ability to analyze system requirements/problems, develop new or modified programs, and select appropriate hardware/software to meet department needs.
11. Knowledge of system analysis and programming procedures/techniques.

12. Ability to develop logical procedures, code steps into programming instructions, and develop tests to validate program design/load capability.
13. Ability to troubleshoot hardware/software problems and debug programs/applications.
14. Ability to learn operating principles/characteristics of computers and hardware used in the Clark County School District.
15. Ability to prepare clear and concise program documentation, user procedures, reports of work performed, and other written materials.
16. Ability to exercise independent judgment within established procedural guidelines.
17. Ability to contribute effectively to the accomplishment of team/work unit goals, objectives, and activities.
18. Knowledge of new/emerging technologies and computer user applications.
19. Ability to recognize hazards and apply safe work methods.
20. Ability to make effective verbal, written, analytical, technical, and persuasive presentations to individuals/large groups.
21. Ability to manage several projects/programs simultaneously and maintain high-quality service while meeting goals.
22. Ability to work flexible hours or shifts.
23. Ability to develop and maintain effective working relationships with District staff/vendors, other agencies, and the public.
24. Possess physical and mental stamina commensurate with the responsibilities of the position.

Position Requirements

Education, Training, and Experience
1. High school graduation or other equivalent (i.e., General Educational Development (GED), foreign equivalency, etc.)
2. Six (6) years of professional web programming experience in PHP interfacing with an enterprise database (MySQL or Oracle); or,
   Associate's degree from an accredited college/university in related field (i.e., computer science, computing and information technology, etc.); and, four (4) years of experience as described above; or,
   Bachelor's degree from an accredited college/university in related field (i.e., computer science, computing and information technology, etc.); and, two (2) years of experience as described above.

Licenses and Certifications

A valid driver's license or state-issued identification card.

Preferred Qualifications

Bachelor's or associate's degree with emphasis in web programming.

Document(s) Required at Time of Application

1. High school transcripts or other equivalent (i.e., GED, foreign equivalency, etc.)
2. Copy of a valid driver's license or state-issued identification card.
3. College transcript(s) from an accredited college/university, if applicable.
4. Resume with Online Portfolio/Website URL.
5. Specific documented evidence of training and experience to satisfy qualifications.

Examples of Assigned Work Areas

Clark County School District facilities – schools and/or administrative offices.

Work Environment

Strength

Sedentary to medium - exert force of 20-50 lbs., occasionally; 10-25 lbs., frequently; up to 10 lbs., constantly.

Physical Demand

Frequent reaching, handling, repetitive fine motor activities, talking, hearing and sitting. Mobility to work in a typical office setting and use standard office equipment. Stamina to remain seated and maintain concentration for an extended period of time. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Vision: Frequent near acuity; occasional far acuity. Vision to read printed and online materials, a Video Display Terminal (VDT) screen, or other monitoring devices.

Environmental Conditions

Climate-controlled office setting with temperatures ranging from mild to moderate cold/heat. Exposure to noise levels ranging from moderate to loud for occasional to frequent time periods.

Hazards

Furniture, office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment.)

Examples of Equipment/Supplies Used to Perform Tasks

Various computers and other peripheral devices, printers, modems, computer software and/or hardware, audio/visual presentation materials, telephones, fax machines, etc.

AA/EOE Statement

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

Job Revision Information
- Revised: 06/14/23
- Created: 01/10/11