Applications Developer I – ABAP / NetWeaver

Position Details

Class Code: 1461
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 supervision, develops code and maintains enterprise-wide computer applications according to Clark County School District specifications.

Essential Duties and Responsibilities

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

1. Assists in establishing detailed program specifications through discussions with internal business/instructional customers.
2. Effectively communicates with customers throughout the application development lifecycle.
3. Assists in translating specifications into logical coding, file, and database structures using appropriate programming languages, systems, standards, workflow, and software toolsets.
4. Prepares/maintains documentation including flowcharts, data diagrams, procedures, etc., to communicate applications' function, sequence, and use.
5. Assists in developing test plans (i.e., unit, data, process, user acceptance) to validate that programs, routines, and applications work as intended and meet customer needs.

6. Monitors, analyzes, reviews, recommends, and changes programs/routines to increase applications' efficiency.
7. Assists in resolving system operations problems.
8. Reports project statuses and user needs to promote customer satisfaction.
9. Maintains and improves technological/application development competency; adapts to functional and customer demands for new/enhanced systems.
10. Ensures programs, modules, and applications interface as required.
11. May train customers and department staff in applications' uses/operations.
12. Conforms to safety standards, as prescribed.
13. Performs other duties related to the position, as assigned.

Distinguishing Characteristics

Involves aspects of the Systems Applications and Products in Data Processing (SAP) Enterprise Resource Planning (ERP) system's development lifecycle, including object-oriented development, functions, interfaces, enhancement/bug tracking, change control, security, workflow, data objects, master data, unit/module testing, quality assurance, configuration management, and technical documentation.

Knowledge, Skills, and Abilities (Position Expectations)

1. Knowledge of SAP/ERP development principles, practices, and techniques.
2. Knowledge of enterprise-class computing systems, operations, and capabilities including centralized, distributed, client/server, and web-based tiered architectures/environments.
3. Knowledge of application analysis and design standards/techniques.
4. Knowledge of high-level programming language principles.
5. Knowledge of relational database concepts and design principles.
6. Knowledge of basic accounting, statistical, business, administrative, school, and office processes.
7. Ability to translate sequences of detailed instructions and logical steps for coding into programming language(s).
8. Strong analytical skills; able to maintain concentration and solve problems using logical methods.
9. Ability program and maintain enterprise-class computer applications.
10. Ability to read, code, and interpret high-level programming language instructions.
11. Ability to test/debug unit modules, programs, and applications.

12. Ability to learn operating principles and characteristics of District computer systems.
13. Ability to prepare clear, concise documentation, procedures, reports, and other written materials.
14. Ability to communicate clearly, verbally and in writing.
15. Ability to exercise independent judgment within established procedural guidelines.
16. Ability to work in an environment where unexpected malfunctions may occur and priorities/deadlines are adjusted to meet customers' needs.
17. Ability to contribute to the unit's service efficiency/effectiveness by offering suggestions and actively directing or participating in team efforts.
18. Ability to maintain current knowledge of technology and new computer applications.
19. Ability to work flexible hours/shifts and be on-call for after-hours support.
20. Ability to develop and maintain effective working relationships with District staff, vendors, and other agencies.
21. Ability to recognize/report hazards and apply safe work methods.
22. 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. Five (5) years' recent experience in programming analysis, design, development, and support in a SAP-tiered environment; or,
   Associate degree from an accredited college/university in a related field (i.e., Computer Science, Management Information Systems, etc.), and three (3) years' recent professional experience as described above; or,
   Bachelor's degree from an accredited college/university in a related field, and one (1) year of recent professional experience as described above.

Licenses and Certifications

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

Preferred Qualifications

1. Certification/training in SAP methodologies and technologies (i.e., Advanced Business Application Programming (ABAP), Web Dynpro, NetWeaver, etc.)
2. Experience developing SAP user-exits, enhancements, Workflow, Universal Work List, or Process Integration.
3. Experience developing SAP application programming interface (API) methodologies.
4. Experience designing/developing web services in an SAP environment, using standards such as Extensible Markup Languages (XML), Simple Object Access Protocol (SOAP), Web Services Description Language (WSDL), and Universal Description, Discovery, and Integration (UDDI).

Document(s) Required at Time of Application

1. High school transcript or other equivalent (i.e., GED, foreign equivalency, etc.)
2. Transcript(s) from an accredited college/university, if applicable.
3. Copy of a valid driver's license or state-issued identification card.
4. Specific documented evidence of training and recent SAP development experience to satisfy qualifications.

Examples of Assigned Work Areas

CCSD Central Information Systems Department, and travel to/from schools and other District office settings.

Work Environment

Strength

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

Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, climbing, crouching, reaching, handling, and repetitive fine motor activities. 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 and far acuity, and color vision. Vision to read printed and online materials, a Video Display Terminal (VDT) screen, or other monitoring devices.

Environmental Conditions

Climate-controlled office settings 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

Constant electrical shock 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

District-issued/personal vehicles, computers, monitors, printers, modems, servers, telephones, fax machines, copy copiers, 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: 07/28/23
- Created: 05/21/14