Cloud Computing Specialist
Rancho Santiago Community College District

Job Title	Cloud Computing Specialist
Department	DO Educational Services
Institution	Rancho Santiago Community College District
	Santa Ana, California
Date Posted	Jul. 17, 2024
Application Deadline	08/05/2024
Position Start Date	Available immediately
Job Categories	Professional Staff
	Classified Staff
Academic Field(s)	Information Technology
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Job Description	

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Cloud Computing Specialist

Rancho Santiago Community College District

Salary Range: Grade 22: $119,104.43 - $152,041.84

Job Type: Full Time

Job Number:

Cloud Computing Specialist
Rancho Santiago Community College District

CL24-00974

Location: Santa Ana, CA

Division: DO Educational Services

Closing: 8/5/2024 5:00 PM Pacific

Job Description

POSITION OVERVIEW

Under minimum direction, primarily responsible for all Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) cloud platform resources districtwide. This includes but is not limited to the IaaS/PaaS infrastructure architecture, DevOps application standards, and cloud infrastructure security. Responsible for designing and deploying cloud and on-premise resources securely to support institutional operations. Serves as a liaison between the application development and network infrastructure teams to establish standards during resource migration, development and operations on all IaaS and PaaS cloud platforms. Assumes and performs related duties and responsibilities as required. This position reports to the designated manager Information Technology Services supervisor or administrator.

REPRESENTATIVE DUTIES

1. Designs, develops and implements cloud-based solutions using private and public cloud platforms.
2. Provisions, operates and manages distributed applications and infrastructure resources using IaaS and PaaS cloud platforms along with on premise infrastructure.
3. Implements and manages delivery systems, provisions security controls, administers governance and compliance validation.
4. Defines and deploys monitoring utilities, tracks performance metrics and logging systems.
5. Provides ongoing maintenance of operational systems.
6. Develops Infrastructure as Code scripts for infrastructure design and security, configuration management, continuous integration, continuous deployment as well as performance monitoring and tuning.
7. Incorporates automation of infrastructure through the use of cloud orchestration software, containerization, cluster management technologies and high-level use of object-oriented programming languages.

8. Works with other technical professionals to develop standards and implement best practices as it relates to on-premise, public and private IaaS and PaaS cloud platforms.
9. Responsible for high availability, business continuity, costing, deployment management, network design, data storage, security, scalability, elasticity, migration, and hybrid architecture for all cloud platforms.

KNOWLEDGE AND ABILITIES
Thorough Knowledge of:

1. Thorough understanding of current and emerging IaaS and PaaS cloud technologies, DevOps engineering and Continuous Integration/Continuous Delivery framework.
2. Knowledge of multi-tier application architectures: load balancers, caching, web servers, application servers, databases, and networking.
3. Working knowledge of one or more high-level object-oriented programming languages.
4. Modern server and desktop operating system administration.
5. Modern scripting languages.
6. Understanding of deployment techniques and tools in a distributed environment.
7. Topics such as high availability and business continuity, costing, deployment management, network design, data storage, security, scalability, elasticity, cloud migration, and hybrid architecture.
8. Software as a Service (SaaS), security, network design and development and/or programming.
9. Information security regulations such as FERPA, HIPPA and PCI.
10. Industry standard certifications on Cloud technologies, modem server operating systems or computer networking are highly desirable.

Ability to:

1. Provide leadership and technical guidance to the district on architectural best practices throughout IaaS and PaaS cloud platform projects.
2. Identify and gather requirements, plan, lead, coordinate and conduct major projects or phases of projects.
3. Apply independent technical judgment to complex technical situations.
4. Coordinate schedules and resources with systems and network technicians, end users, enterprise applications and other technical services staff.
5. Diagnose and quickly respond to and resolve security issues and understand reasons for systems failures.
6. Maintain current knowledge of technological advances in the IaaS and PaaS cloud computing

and related fields.
7. Capability to maintain records, prepare reports, prioritize and schedule work.
8. Analyze situations accurately and adopt an effective course of action.
9. Work independently with little direction and support the district's efforts in securing information or electronic assets and enforcing directives as mandated by regulations and state and federal law.
10. Demonstrated sensitivity to, and understanding of, the diverse academic, social, economic, cultural, disability, and ethnic backgrounds of community college students and staff.
11. Ability to establish and maintain effective and cooperative working relationships with members of the user community and Information Technology personnel while exhibiting tact, patience, and diplomacy.
12. Exhibit proficiency in clear and concise verbal and written communication.

Job Qualifications

MINIMUM QUALIFICATIONS

Education and Experience: Bachelor's degree in Information Technology, Computer Science, Business Administration, or a related field and four years of increasingly responsible experience in cloud infrastructure administration, development, and/or programming responsibilities. Experience may be substituted for education.

ABOUT RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

Rancho Santiago Community College District (RSCCD) is one of the most established districts in the state and has been in operation for nearly 50 years. Located in the heart of Orange County, it is one of the largest of California's 72 community college districts, based on the number of credit and non-credit students. RSCCD encompasses 25 percent of Orange County's total area and serves a population of more than 700,000 residents in the communities of Anaheim Hills, Orange, Santa Ana, Villa Park, and portions of Anaheim, Costa Mesa, Irvine, Fountain Valley, Garden Grove, Tustin, and Yorba Linda. The District includes Santiago Canyon College and Santa Ana College, as well as the Centennial and Orange Continuing Education Centers, the Digital Media Center, Joint Powers Fire Training Center, the Orange County Sheriff's Regional Training Academy, the College and Workforce Preparation Center, and the District Operations Center. RSCCD's three (3) auxiliary Foundations are actively involved in supporting both community and campus programs.

EEO STATEMENT

The Rancho Santiago Community College District (RSCCD) is committed to the concept and principles

of staff diversity and equal employment opportunity by prohibiting discrimination based on ethnic group identification, national origin, religion, age, sex, race, color, ancestry, sexual orientation, physical or mental disability, gender identity, medical condition (cancer-related or genetic characteristics), marital status, citizenship, or service in the uniformed services, or on the basis of these perceived characteristics or based on association with a person or group with one or more of these actual or perceived characteristics. Applications from all persons interested in the position are encouraged.

SELECTION CRITERIA
Application Screening

In addition to the requirements and responsibilities listed, the following criteria will be considered in selecting candidates for interviews:

- Education experience (breadth and depth)
- Work experience (breadth and depth)
- Demonstrated ability to work cooperatively with others
- Bilingual ability if applicable
- Demonstrated experience in working with diverse socio-economic communities
- Professional growth activities
- Specialized skills training
- Leadership skills
- Written and/or oral communication skills
- Presentation
- Problem Solving Skills

Based on the information presented in the application materials, a limited number of candidates with qualifications most pertinent to the position will be invited to participate in the selection process, which may include a written test and an oral interview. Meeting the position's minimum requirements does not guarantee advancement in the selection process. Candidate qualifications will be assessed to determine those who meet and exceed requirements and are deemed the most competitive in the applicant pool.

Interview

Applicants selected for an interview may be required to take additional tests or assessments and will be notified of such prior to the date of the interview. During the oral session, those selected for interviews will, in addition to the above, also be evaluated on the following factors:

- Oral communication skills

- Presentation
- Problem-solving skills

A predetermined set of questions will be asked of all applicants interviewed. Applicants are requested to provide thorough yet concise information on their related experience to ensure the correct evaluation of their qualifications. Evaluation criteria will be applied consistently to all applicants. The District will make reasonable accommodations for applicants with disabilities. Applicants should contact Recruitment in the Human Resources Office for assistance.

Application Procedures

To ensure full consideration, all applicants must submit a complete Rancho Santiago Community College District online application that includes the items listed below by the position's closing date. Recruitment will review all applications for completeness, and only complete application packets will be forwarded to the screening committee for further review.

A Complete Application Packet Must Include the Following:

1. RSCCD Online Application
2. Resume - details all relevant education, training, and other work experience

Conditions of Employment The selected candidate is required to complete the following before employment as part of the onboarding process:

1. Present original documents for proof of eligibility to work in the United States.
2. Provide a certificate of Tuberculosis Exam.
3. Fingerprints (by a Live Scan Agency at the candidate's expense, and clearance must be received before the first day of employment)

To apply, please visit https://www.schooljobs.com/careers/rsccd/jobs/4571659/cloud-computing-specialist

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Rancho Santiago Community College District

jeid-92254142ea7fc04498f911da38004b9d

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

DO Educational Services
Rancho Santiago Community College District
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