Position Title: SENIOR SYSTEMS ENGINEER (Operating Systems Analyst – Expert)

Recruitment #: #1953

Full/Part-Time: Full-Time

Employment Type: Permanent

Bargaining Unit: R09

Salary: $6,249 - $10,541 per month Exempt

Department: Information Technology Services – Network, Data Center & Telecom

Available: Immediately

Special Conditions: Background/ Fingerprint

Sensitive Position: Yes

Posted: October 30, 2015

Closing Date: November 13, 2015

Positions are open to all interested applicants, both on and off campus, unless this is an on-campus only recruitment.

APPLICATION PACKET REQUIREMENTS

This position requires (including those on campus) submission of:

- A standard CSU, Bakersfield job application (download at: http://www.csub.edu/bas/hr/EmployRecruit/Job%20Status%20Inquiry/index.html)
- Names of three professional references
- Copy of degree/transcripts/typing certificate, if required
- Brief description of how you are qualified for this position by virtue of your interest, aptitude, education and experience required.

General Information

California State University, Bakersfield is one of 23 campuses in the California State University Systems. Centrally located on a 375-acre site in the southern San Joaquin Valley, California State University, Bakersfield is a continuously growing comprehensive regional university that is committed to transforming the lives of its students and community through its established excellence in academia, diversity, service, and community engagement since its founding in 1965. The faculty across the Western Association of Schools and Colleges (WASC) fully accredited University is world-class, with nearly 75% holding terminal degrees in their respective fields. A NCAA Division I school, CSUB has competed successfully in the Western Athletic Conference (WAC) since 2012 and is but one important aspect of a growing and vibrant student-life experience.

The University serves more than 8,720 students at either the main campus in Bakersfield or CSUB in Antelope Valley and counts over 40,000 alumni from its four schools: Arts and Humanities, Business and Public Administration, Natural Sciences, Mathematics and Engineering, and Social Sciences and Education. The University offers undergraduate, graduate, post-graduate and credential programs, and CSUB's Extended University serves the
community by offering additional professional development, certificate, and degree programs. With over 70 percent of its alumni remaining and working within the central valley, CSU Bakersfield supports ongoing social, cultural and economic development in the region.

**About Bakersfield:** Bakersfield lies near the southern "horseshoe" end of the San Joaquin Valley, with the southern tip of the Sierra Nevada just to the east. The city limits extend to the Sequoia National Forest, at the foot of the Greenhorn Mountain Range and at the entrance to the Kern Canyon. To the south, the Tehachapi Mountains feature the historic Tejon Ranch. Bakersfield is just under 400,000 in population and has excellent schools, affordable housing, and close proximity to Pismo Beach and Los Angeles.

**Department Information:** The Information Technology Services (ITS) division of California State University, Bakersfield is seeking an expert level operating systems analyst. We are looking for more than a senior technologist; we are looking for an innovator, communicator, and integrator. If you are customer service oriented and love technology, desire to grow your skill sets, aspire to make a huge contribution to your peers, and develop the next generation of learners, then consider this position.

Our desire is to acquire and deploy best-in-class systems and services allowing our campus community to maximize our mission of teaching, learning, and outreach.

2015/2016 will be a pivotal year for CSUB as the ITS division adopts the use of cloud services as a way to provide innovative information technology services. Office 365 and Azure Cloud services are just a few of the services that we will be utilizing to grow our cloud and virtualization services to maximize the benefits for our students, staff, and faculty.

**Specifics:** The Operating Systems Analyst will be part of our Network, Data Center, and Telecom group, providing expert level system administration and support. This position will be involved in projects ranging from Next Generation Identity Management to VOIP and Firewalls. In addition to the aforementioned project work, the position will be expected to have experience with integrating cloud systems with in-house enterprise grade systems.

**Purpose:** Within Information Technology Services (ITS), the Network, Data Center, and Telecom group provides CSUB's central computing infrastructure which is comprised of both Linux and Windows systems in a physical and virtual server environment. The group is responsible for a variety of items which include the identity management infrastructure, federated identity infrastructure, account management, online directory services, network infrastructure, and the data center infrastructure. The Senior Systems Engineer, under the general supervision of the Director of Infrastructure and Support Services in ITS, is responsible for implementing a variety of systems and IT infrastructure related items. The incumbent should be highly skilled at scripting, programming, systems integration, and systems administration.

**DUTIES:**

**Systems Administration:**
- Manage and monitor all installed systems and underlying infrastructure
- Install, configure, test, and maintain operating systems, application software and system management tools
- Proactively ensure the highest levels of systems and infrastructure availability
- Monitor and test application performance for potential bottlenecks, identify possible solutions, and work with others to implement those fixes
- Plan system capacity and develop expansion plans
- Maintain security, backup, and redundancy strategies

**Programming and Systems Integration:**
- Write and maintain custom scripts to increase system efficiency and lower the human intervention time on tasks.
- Write code for system integration purposes
- Support existing custom coded environments

**Technical Support:**
- Provide 2nd and 3rd tier support
- Troubleshoot, diagnose, and solve a variety of application issues
- Install and test applications that further the pursuit of the academic mission of the campus

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Technical Project Leadership:

- Lead projects of an enterprise technical infrastructure level from inception to implementation

Other Job Functions:

- Work according to project timelines and report on status as necessary
- Evaluate and recommend hardware and system software procurements
- Liaise with 3rd Party Vendors and other IT personnel for problem resolution
- Perform other job-related duties and special projects as assigned
- Attend training and maintain skill currency as appropriate to safely and effectively complete assignments

Special Conditions:

- Must be willing to travel and attend training programs off-site for occasional professional development.
- Must be able to work overtime, occasional holidays, and adjust working hours to meet special jobs. May be called back periodically to perform work as needed on an emergency basis.

REQUiRED QUALIFICATIONS: Bachelor’s degree from an accredited four-year college or university in Computer Science, Computer Information Systems, Information Systems, Engineering, or a related field and five years of relevant full-time experience. An equivalent combination of related education and work experience in a relevant field discipline will be considered.

- Advanced knowledge with cloud services and migrating on premise services to the cloud.
- Advanced knowledge and proven experience in installing, configuring, managing, and troubleshooting UNIX/Linux based environments.
- Experience with integrating enterprise class systems
- Advanced knowledge of Windows 2012 Server
- Advanced knowledge in managing and configuring Active Directory
- Experience with LDAP including OpenLDAP.
- Knowledge and use of support ticketing systems (e.g., Remedy, ServiceNow).
- Experience with automation software (e.g., Puppet, Chef)
- Solid scripting skills (e.g., shell scripts, Perl, Ruby, Python)
- Solid networking knowledge (OSI network layers, TCP/IP)
- Experience with virtualization and containerization
- Excellent organizational and time management skills with the ability to set own priorities to coordinate multiple assignments with fluctuating and time-sensitive deadlines.
- Excellent computer skills and competence with a variety of computer applications including word-processing, spreadsheets, databases, on-line systems, Internet as well as online calendaring and email.
- Working knowledge of or ability to quickly learn University infrastructure, policies and procedures.
- Demonstrated customer service experience requiring a very high level of diplomacy and professionalism.
- Demonstrated knowledge of ITIL or ITSM principles.
- Ability to initiate, establish, and foster communication and teamwork by maintaining a positive, cooperative, productive work atmosphere in the University with the ability to establish and maintain effective working relationships within a diverse population and with those from various cultural backgrounds.
- Excellent communication skills; ability to effectively communicate information in a clear and understandable manner, both verbally and in writing.
- Ability to interpret, communicate and apply policies and procedures.
- Thorough knowledge of English grammar, spelling and punctuation.
- Demonstrated ability to maintain a high degree of confidentiality

PREFERRED QUALIFICATIONS:

- Experience with Microsoft Azure
- Experience with VMware
- Experience with Office 365
- Experience with at least two of the following languages Perl, Ruby, Python, PowerShell, C++, or C#
- Demonstrated competency working effectively in a shared software development environment, including version control, bug tracking, release management, and code review. Experience with Git is also a plus.
- Demonstrated competency developing and maintaining multi-tier web-based applications.

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- Demonstrated experience supporting an account management environment, including account provisioning, identity binding and merging, and lifecycle management.
- Demonstrated experience designing and maintaining database back-ends, including strong SQL competency. MS SQL competency preferred.
- Experience managing DNS servers
- Experience with mail systems
- Experience working on enterprise level projects

SCREENING: Only those applicants possessing experience most directly related to the immediate needs of the office will be invited to appear before a Qualifications Appraisal Board for the purpose of appraising training, experience and interest in the position.

CALIFORNIA STATE UNIVERSITY EMPLOYEES UNION: It shall be the policy of the CSU in filling vacant CSUEU bargaining Units 2, 5, 7 & 9 positions to fill such vacancies from among qualified individuals currently employed on-campus except when it is determined that it is necessary to appoint outside applicants to meet campus workforce diversity goals or to provide specialized skills and abilities that are not available from current employees.

BACKGROUND CHECK: A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

SENSITIVE POSITION: Sensitive positions are designated by the CSU as requiring heightened scrutiny of individuals holding the position, based on potential for harm to children, concerns for the safety and security of the people, animals, or property, or heightened risk of financial loss to the CSU or individuals in the university community.

MANDATED REPORTER: The person holding this position is considered a “mandated reporter” under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

DESIGNATED POSITION: If the duties of this position include participation in decisions that may have a material financial benefit to the incumbent, the selected candidate will be required to file Conflict of Interest Form 700: Statement of Economic Interest when they first occupy the position, and on an annual basis, complete ethics training within 6 months of appointment, and attend this training every other year thereafter.

GENERAL INFORMATION: It is the policy of California State University; Bakersfield to hire only United States citizens and aliens lawfully authorized to work in the United States. All new employees will be required to present documentation verifying their right to accept employment. You will also be requested to present a social security card at the time of initial appointment in compliance with state payroll regulations. State regulations require that every state employee sign the Oath of Allegiance prior to commencing the duties of his/her State employment, except legally employed non-citizens. These individuals are required to sign the Declaration of Permission to Work.

APPLICATION PROCEDURE: Official California State University, Bakersfield application forms must be completed in full and received in the Human Resources Office by 5:00 p.m. on/or postmarked by the specified closing date, unless otherwise indicated. Resumes are welcomed but will not be accepted in place of the official application. E-mailed or faxed applications or resumes will also not be accepted.

Applications are available outside the Office of Human Resources and may be downloaded from the Human Resources website. Candidates who reside outside the city of Bakersfield may contact the Office of Human Resources and request that an application be mailed to their residence. It takes a minimum of 4-6 weeks from the closing date for a position to be filled.

To check the status of your application, go to the Human Resources’ Job Opening/Status Inquiry page at http://www.csub.edu/bas/hr/EmployRecruit/Job%20Status%20Inquiry/index.html and click on the “Job Status” icon link. Applicants will not receive individual notifications. Upon submission, all application materials become the exclusive property of California State University, Bakersfield and will not be copied or returned.

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