

Public Cloud Engineer (0520U), Infrastructure Services -
64417

University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=230643>

Downloaded On: May. 9, 2024 2:46am

Posted Feb. 13, 2024, set to expire Jun. 30, 2024

Job Title	Public Cloud Engineer (0520U), Infrastructure Services - 64417
Department	Berkeley IT
Institution	University of California, Berkeley Berkeley, California
Date Posted	Feb. 13, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Information Technology
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Apply By Email

Job Description

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About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the

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transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [Guiding Values and Principles](#), our [Principles of Community](#), and our [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit grow.berkeley.edu.

Departmental Overview

Berkeley IT believes in and fosters a workplace environment where people can bring their diverse skills, perspectives and experiences toward achieving our goals through a process of critical inquiry, discovery, innovation, while simultaneously committing to making positive contributions towards the betterment of our world.

In addition, members of the Berkeley IT community have created and endorse the following values for our organization to augment and amplify the campus principles:

We champion diversity.

We act with integrity.

We deliver.

We innovate.

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Diversity, Inclusion, and Belonging are more than just suggestions for us. They are the guiding principles underlying how we come together, develop leaders at all levels of the organization, and create an environment that unites us. We affirm the dignity of all individuals, call upon our leaders to address critical issues with integrity and intention, respect our differences as well as our commonalities, and strive to uphold a just community free from discrimination and hate.

This position is a part of the Cloud Team in the Data and Platform Services in Information Services and Technology. The objective of the Cloud Team is to provide the campus a service of core infrastructure on-premise (VMware) and in the Cloud (AWS). While also supporting and maintaining this core infrastructure to follow the campus-wide efforts to secure institutional data.

Application Review Date

The First Review Date for this job is: February 26, 2024

Responsibilities

- Applies advanced systems/infrastructure concepts to define, design and implement highly complex windows, Linux and cloud-based server solutions.
- Review, validate, and implement configuration changes to systems requested by customers; analyze customer requirements to provide design and implementation guidance.
- Proposes and implements highly complex system enhancements (software and hardware updates) that will improve the performance, reliability and security of the system.
- Manages centralized computer servers and makes recommendations for purchase or upgrade of new computer hardware as well as virtual machine components.
- Performs highly complex analysis to acquire, install, modify and support operating systems, virtual machine software, and cloud related solutions.
- Conducts highly complex systems support activities. Investigate and resolve problems and outages reported by monitoring systems or other means (such as customer or user tickets); participate in an on-call rotation to resolve incidents and problems.
- Author, test and maintain programs and highly complex scripts to automate standard processes and workflows to improve the reliability and performance of systems and the efficiency and scalability of the team to manage large numbers of complex systems.
- Initiates, plans, designs and implements hardware based and virtual systems solutions to maintain, improve, or evolve IT services, adding value by improving utility and reducing costs.
- Executes complex security control activities to prevent hackers from infiltrating campus information.
- Maintains complex security systems for servers and virtual machines.

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- Interacts with senior internal and external personnel.
- May lead a team of systems/infrastructure professionals.

Required Qualifications

- Must be able to communicate technical information in a clear and concise manner across the organization and at varying levels.
- Has thorough knowledge, skills and abilities associated with problem identification and resolution needed to improve or correct performance
- Has knowledge of the design, development and application of technology and systems to meet business needs.
- Has knowledge necessary to design, set-up, operate, and correct malfunctions involving application of technology systems.
- Knowledge of and experience with Public Cloud environments, specifically GCP.
- Knowledge of and experience with a reseller GCP setup
- Knowledge of and experience with Kubernetes (GKE or Native).
- Requires knowledge of other areas of IT.
- Skill in troubleshooting, diagnosing, analyzing and identifying system malfunctions to determine the source and fix the cause of the problem.
- Skills in programming new and existing utility scripts and programs.
- Welcoming differing skills, outlooks, and experiences of others working toward shared goals.
- Professional Knowledge and Skills:
 - Possesses, acquires, and maintains the technical/professional expertise required to do the job effectively and to create customer solutions.
 - Technical/professional expertise is demonstrated through problem solving, applying professional judgment, and competent performance.

Problem Solving and Decision-Making Skills:

- Anticipates and identifies problems; involves others in seeking innovative, simplified solutions; conducts appropriate analyses; searches for best solutions that have benefit within and/or outside the organization; responds quickly to new challenges; takes thoughtful risks that are well balanced.
- Makes clear, consistent, transparent decisions; acts with integrity in all decision making; distinguishes relevant from irrelevant information and makes timely decisions; considers impact of decisions on University community.

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Communication Skills:

- Connects with peers and customers; actively listens; clearly and effectively shares information; demonstrates effective oral and written communication skills; seeks input from others; adapts communication to diverse audiences.

Teamwork Skills:

- Cooperates and collaborates with colleagues as appropriate; works in partnership with others; cultivates, builds and maintains good relationships with peers and customers; delivers on commitments to team/organization.

Self-Management Skills:

- Sets well-defined and realistic personal goals; displays a high level of initiative, effort, and commitment towards completing assignments in a timely manner; works with minimal supervision; is motivated to achieve; demonstrates responsible behavior.

Preferred Qualifications

- Completed Industry Certifications (Google Cloud Certificate or similar, AWS- SAA or similar).
- Knowledge of core cloud infrastructure fundamentals., including on prem software such as VMware, as well as public cloud providers.
- Experience designing for or operating in a public cloud (especially GCP).
- Skill in programming using PowerCLI, Python and or YAML
- Skill in writing, testing, and maintaining specially with custom types.
- Skill in architecting, implementing, upgrading, and maintaining configuration management and monitoring infrastructure.

Job Mastery and Continuous Learning Skills:

- Applies background, technical knowledge, education, and prior job experiences to current and new job situations; demonstrates technical competence, job knowledge and ability to add value

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beyond the core job function; continually strives to upgrade the depth and breadth of technical and professional skills; makes time for appropriate training, keeps current on tools, technology, and information needed to meet job performance and challenges; shares knowledge and supports peers, staff, and others to increase skills, foster improvement, and enhance outcomes.

Service Focus Skills:

- Values the importance of delivering high quality, innovative service to internal and external customers; understands the needs of the customer; responds promptly to customer and is accessible to them; follows through on customer commitments in a timely manner; maintains positive, long-term working relationships with customers; assumes ownership of process issues and takes appropriate steps to mitigate problems.

Salary & Benefits

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$105,500.00 - \$130,000.00.

- This is a 100%, full-time (40 hours per week), career position that is eligible for full UC benefits.
- This position is exempt and paid monthly.
- This position is eligible for flexible, hybrid or fully-remote work (telecommuting) based on candidate availability and business needs.

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How to Apply

To apply, please submit your resume and cover letter.

Conviction History Background

This is a designated position requiring fingerprinting and a background check due to the nature of the job responsibilities. Berkeley does hire people with conviction histories and reviews information received in the context of the job responsibilities. The University reserves the right to make employment contingent upon successful completion of the background check.

Equal Employment Opportunity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant, please see [the U.S. Equal Employment Opportunity Commission](#) poster.

For the complete University of California nondiscrimination and affirmative action policy, please see the University of California [Discrimination, Harassment, and Affirmative Action in the Workplace](#) policy.

Referral Source Info

This job is part of the Employee Referral Program. If a UC Berkeley employee is referring you, please ensure you select the **Referral Source** of "UCB Employee". Then enter the employee's **Name** and **Berkeley email** address in the **Specific Referral Source** field. Please enter only one name and email.

To apply, visit

https://careerspub.universityofcalifornia.edu/psp/ucb/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCH

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Contact Information

Please reference Academickeys in your cover letter when
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Contact

N/A

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