



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

CLOUD SOLUTIONS ARCHITECT

Job Number: 21005142

Job Code: 73750V250616

Job Group: 7300 - INFORMATION MANAGEMENT SYSTEMS

Job Established: 02/16/2025

Job Revised: 06/16/2025

Grade: 17 Salary (MIN - MID):

\$30,082-\$45,123 - Hourly

\$4,888.34-\$7,332.50 - 37.5 Hr. Monthly Salary

\$5,214.22-\$7,821.32 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$42,950 - Hourly

\$6,979.38 - 37.5 Hr. Monthly Salary

\$7,444.68 - 40 Hr. Monthly Salary

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months, except as provided in KRS 18A.111.

CHARACTERISTICS OF THE JOB: *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Within Commonwealth of Technology (COT) and non-consolidated agencies, designs and plans overall structure of cloud-based data solutions based on enterprise requirements; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

Graduate of a college or university with a bachelor's degree OR a graduate of a college or university with an associate's degree in information technology (IT) or related field OR certification in an IT related field.

EXPERIENCE, TRAINING, OR SKILLS:

Ten years of professional experience in enterprise operations, cloud strategies, or cloud engineering.

Substitute EDUCATION for EXPERIENCE:

A master's degree in computer science will substitute for two years of the required experience.

Substitute EXPERIENCE for EDUCATION:

Two years of additional experience in business or public administration, statistics, research, computer programming, systems analysis, computer operations, and/or a related field will substitute for the required education

SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):

Must be certified in at least one of the following: Amazon Web Services (AWS), Microsoft Azure Cloud, or Google Cloud Platform (GCP) within six months of employment. Must maintain any required licensure(s), certification(s), or other credentials for the length of employment in this classification. The employment agency is responsible for ensuring the employee possesses and maintains the required licensure (s), certification(s), or other credentials.

EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION: *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Serves as a cloud solutions architect and technical lead. Works closely with domain/solutions/security/application architects, senior business leaders, staff, and product owners to understand and advance cloud solutions within the enterprise. Assesses the compatibility and integration of products and technologies proposed as standards to ensure an integrated architecture across interdependent platforms. Develops planning and strategy sessions that align with enterprise initiatives. Provides oversight on the analysis, support, and design of cloud projects. Oversees cloud providers and manages multi-cloud options/solutions. Orchestrates cloud services that include storing, computing, networking, and other cloud components. Research new cloud technologies, processes, and solutions to enhance capabilities. Follows standardization, technical guidelines, security, compliance, and design aligned with enterprise architecture and strategy. Assists the Information Systems Manager, Director, and Cloud Engineer in establishing a Cloud technology roadmap in relation to system development life cycles for Cloud technologies. Orchestrates cloud services that include XaaS and other cloud components. Analyzes, develops, and deploys cloud-based data solutions based on enterprise requirements. Monitors and supports cloud infrastructure to optimize performance, security, and cost. Follows standardization, technical guidelines, security, compliance, and design aligned with enterprise architecture and strategy. Reduces legacy technical debt and dependencies as systems migrate to cloud environments. Responsible for establishing/maintaining best practices for hybrid cloud environments. Responsible for identifying/correcting issues. Responsible for escalating high-impact concerns. Participates in problem management and root cause analysis. Supports the recovery of system data. Identifies, evaluates, and makes recommendations to management concerning problems or issues in the database environments. Works with cloud architects, data architects, developers, system administrators, and other IT specialists to configure, maintain, and monitor cloud systems. Assists in policy development and the enforcement of cloud procedures, techniques, and methods. Reviews and recommends methods for Cloud policy adoption. Reviews new technology offerings from Cloud vendors. Makes recommendations to the Cloud Team and Cloud Architect for adoption of these new offerings where they appropriately fit the business and workload. May supervise other employees involved in providing cloud services. Reviews completed work and ensures that all standards, specifications, and deadlines have been met.

UNIQUE PHYSICAL REQUIREMENTS:

Any unique physical requirements necessary to perform the duties of a specific position will be listed on the individual position description, if applicable.

TYPICAL WORKING CONDITIONS: *Incumbents in the job will typically perform their job duties under these conditions.*

Employees working in this job title typically perform duties in an office setting or with secure remote capabilities.

ADDITIONAL REQUIREMENTS:

Upon employment, employees in this job classification may be required to maintain a valid driver's license and may be required to drive a licensed vehicle. This status may be necessary for the length of time in this job classification. If this is necessary, it will be listed in the specific position description for the position at issue. Applicants and employees in this job classification may be required to submit to a drug- screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317

The Commonwealth of Kentucky does not discriminate on the basis of race, color, sex, disability, age, national origin, religion, sexual orientation, gender identity or expression, pregnancy or related medical condition, marital or familial status, ancestry, political affiliation, genetic information, or veteran status in accordance with state and federal laws.