

DUTY STATEMENT

		EFFECTIVE DATE
BRANCH Technology Services	POSITION NUMBER (Agency – Unit – Class – Serial) 815 - 626 - 1415 - 001	
DIVISION/UNIT Enterprise IT Solutions & Innovation	CLASS TITLE Information Technology Specialist III	
INCUMBENT NAME Vacant	WORKING TITLE Cloud Solution Architect	
CalSTRS is dedicated to securing the financial future and sustaining the trust of California's educators through customer service, accountability, leadership, strength, trust, respect, and stewardship.		
<p>Under the administrative direction of the Director of Enterprise IT Solutions and Innovation, the ITS III serves as the Cloud Solution Architect, an industry expert in cloud computing solutions responsible for providing strategic technical leadership, direction and expertise on the development and formulation of technological strategy and policy supporting CalSTRS' cloud-related projects and initiatives. The Cloud Solution Architect performs a variety of highly complex mission critical functions requiring unique mastery-level skills to lead and direct cloud architecture and technical teams to effectively develop technology solutions supporting cloud native services and the integration with CalSTRS' applications ecosystem. The Cloud Solution Architect must engage, support, and implement branch and division strategic goals to deliver business value to users and members from agile delivery and digital transformation, cloud solutions initiatives development and delivery, automation, and data analytics. The Cloud Solution Architect leads by example with strong hands-on in cloud native services and solutions design, development, and integration with CalSTRS applications ecosystem. The incumbent must be capable of promoting and demonstrating the business value of new cloud solutions, developing pilots, and leading teams to scaling up and delivering to production.</p>		
% of time performing duties	Indicate the duties and responsibilities assigned to the position and the percentage of time spent on each. Group related tasks under the same percentage with the highest percentage first.	
30%	ESSENTIAL FUNCTIONS Serve as the industry expert in cloud computing solutions <ul style="list-style-type: none"> • Provide strategic technical leadership, direction and expertise on CalSTRS' cloud computing solutions and cloud-related projects and initiatives • Responsible for the development and formulation of technological strategy and policy supporting cloud native services and solutions design, and the development and integration with CalSTRS' applications ecosystem • Review, validate, and ultimately be responsible for the architecturally relevant portions of vendor cloud deliverables and Technology Services cloud solutions • Serve as a lead to guide the strategic and tactical technical development and direction of architecture and development teams (Agile Innovation, Maintenance, START, ECMS, BusinessDirect, Pension Solution) on the design, modification, upgrade, integration, and implementation of cloud-native applications and innovation • Serve as the expert advisor to implement and ensure architecture designs are in accordance with cloud best practices by collaborating with other IT domains such as Infrastructure, Enterprise Architecture, Operations and the Information Security Office • Responsible for hands-on design and development in pilots, initiatives, and projects in cloud adoption roadmap 	
30%	Cloud Solution Strategy <ul style="list-style-type: none"> • Work with Technology Services' directors to formulate the cloud solution strategy and align a common set of short-term and long-term enterprise-level goals for the cloud solution adoption roadmap • Plan, develop and manage a Cloud Solution Strategy guideline for cloud solution adoption that supports the implementation and execution of short, medium, and long-term mission-critical goals. • Recommend, present, and demonstrate the business value of cloud solutions to build rapport and influence various IT domains and teams to ensure buy-in and adoption Culture Transformation Leadership <ul style="list-style-type: none"> • Engage, support, and implement Cloud Adoption and promote cultural transformation to agile, innovation, and high performing 	

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20%	<ul style="list-style-type: none"> • Provide industry expertise on the usage of cloud platforms, cloud managed services, cloud vendor products supporting CalSTRS goals. • Facilitate branch-wide knowledge sharing across IT domains • Champion a continuous improvement culture of cross-unit and cross-division teamwork • Guide staff to develop cloud skill sets by identifying training opportunities, webinars, tech talks, and other-related resources.
15%	<p>Innovation Research and Delivery</p> <p>Explore new cloud products, innovative solutions, artificial intelligence (AI) and machine learning (ML), Low Code / No Code Platforms, Robotic Process Automation, XaaS platforms, etc. that will add business value to CalSTRS and drive the organization's use of cloud technology toward continuous improvements.</p>
5%	<p>MARGINAL FUNCTIONS</p> <p>Provide technical training, mentoring and knowledge transfer. Provide back-up duties as assigned.</p>

COMPETENCIES

Core Competencies. All employees are responsible for understanding and demonstrating CalSTRS' core competencies:

- Adaptability/Flexibility
- Communication
- Customer/Client Focus
- Teamwork
- Work Standards/Quality Orientation

Classification Competencies. All employees are expected to understand and demonstrate their position's CalSTRS class competencies:

- Analytical Thinking
- Ethics and Integrity
- Interpersonal Skills for Relationship Building
- Managing Work
- Personal Credibility
- Planning and Organizing
- Technical / Professional Knowledge and Skills
- Thoroughness
- Written Communication

CONDUCT AND ATTENDANCE EXPECTATIONS

- Communicate effectively with individuals from varied experiences, perspectives and backgrounds
- Deal with individuals in a tactful, congenial, personable manner
- Must maintain consistent and regular attendance
- Adhere to CalSTRS policies and procedures
- Ability to support and model CalSTRS Core Values

WORKING CONDITIONS AND PHYSICAL ABILITIES REQUIRED OF THE JOB

- Prolonged periods of standing or sitting
- Work in a high-rise building, in an open space environment
- Ability to use a computer keyboard several hours a day
- Read from computer screens several hours a day
- Ability to move up to 10 pounds

Responsible for promoting a safe and secure work environment free from discrimination, harassment, inappropriate conduct, or retaliation by adhering to CalSTRS' policies and processes. Responsible for participating in mandated HR or EEO training workshops (i.e., Sexual Harassment, EEO, etc.).

To be reviewed and signed by the supervisor and employee:

SUPERVISOR'S STATEMENT:

- I HAVE DISCUSSED THE DUTIES AND RESPONSIBILITIES OF THE POSITION WITH THE EMPLOYEE
- I HAVE SIGNED AND RECEIVED A COPY OF THE DUTY STATEMENT

SUPERVISOR'S NAME (Print)

SUPERVISOR'S SIGNATURE

DATE SIGNED

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EMPLOYEE'S STATEMENT:

- I HAVE DISCUSSED THE DUTIES AND RESPONSIBILITIES OF THE POSITION WITH MY SUPERVISOR
- I HAVE SIGNED AND RECEIVED A COPY OF THE DUTY STATEMENT
- I AM ABLE TO PERFORM THE ESSENTIAL FUNCTIONS LISTED WITH OR WITHOUT REASONABLE ACCOMMODATION
- I UNDERSTAND THAT I MAY BE ASKED TO PERFORM OTHER DUTIES AS ASSIGNED WITHIN MY CURRENT CLASSIFICATION, INCLUDING WORK IN OTHER FUNCTIONAL AREAS AS BUSINESS NEEDS REQUIRE

EMPLOYEE'S NAME (Print)

EMPLOYEE'S SIGNATURE

DATE SIGNED