

POSITION STATEMENT

1. POSITION INFORMATION	
CIVIL SERVICE CLASSIFICATION:	WORKING TITLE:
IT Specialist III	Cloud Application Architect
NAME OF INCUMBENT:	POSITION NUMBER:
<i>Click here to enter text.</i>	280-351-1415-976
OFFICE/SECTION/UNIT:	SUPERVISOR'S NAME:
Cloud Architecture Section	<i>Click here to enter text.</i>
DIVISION:	SUPERVISOR'S CLASSIFICATION:
Transformation Office	IT Manager II
BRANCH:	REVISION DATE:
EDDNext Modernization and Innovation Branch	3/5/2024
Duties Based on: <input checked="" type="checkbox"/> FT <input type="checkbox"/> PT– Fraction _____ <input type="checkbox"/> INT <input type="checkbox"/> Temporary – _____ hours	
2. REQUIREMENTS OF POSITION	
Check all that apply: <input checked="" type="checkbox"/> Conflict of Interest Filing (Form 700) Required <input type="checkbox"/> Call Center/Counter Environment <input type="checkbox"/> May be Required to Work in Multiple Locations <input checked="" type="checkbox"/> Requires Fingerprinting & Background Check <input type="checkbox"/> Requires DMV Pull Notice <input type="checkbox"/> Bilingual Fluency (<i>specify below in Description</i>) <input type="checkbox"/> Travel May be Required <input type="checkbox"/> Other (<i>specify below in Description</i>)	
Description of Position Requirements: (e.g., qualified Veteran, Class C driver's license, bilingual, frequent travel, graveyard/swing shift, etc.)	
3. DUTIES AND RESPONSIBILITIES OF POSITION	
Summary Statement: (Briefly describe the position's organizational setting and major functions)	
Information Technology Domains (Select all domains applicable to the incumbent's duties/tasks.) <input checked="" type="checkbox"/> Business Technology Management <input checked="" type="checkbox"/> IT Project Management <input checked="" type="checkbox"/> Client Services <input checked="" type="checkbox"/> Information Security Engineering <input checked="" type="checkbox"/> Software Engineering <input checked="" type="checkbox"/> System Engineering	
<p>Under the administrative direction of the EDDNext Transformation Office, Cloud Architecture Section, the Cloud Application Architect serves as an expert in cloud architecture, focusing on designing and implementing scalable, resilient, and high-performance cloud-native applications. As a key leader within the Modernization and Innovation Branch (MIB), the Cloud Application Architect plays a critical role in aligning cloud strategies with the overarching goals of the organization. The role involves extensive collaboration with the Project Executive Workgroup (PEW) to ensure projects adhere to strategic objectives and leverage the Hybrid Agile Framework (HAF) for agile and efficient project execution.</p> <p>The Cloud Application Architect works closely with EDDNext Lead Domain Architects to foster a unified approach to cloud solutions, ensuring these align with the California Department of Technology Project</p>	

Approval Lifecycle standards. This position requires an adept understanding of both technical and business aspects, facilitating the seamless integration of cloud technologies into existing and new systems, driving innovation, and enhancing operational efficiencies across the department.

Percentage of Duties	Essential Functions
30%	<p>Technical Leadership in Cloud Architecture: Acts as the principal architect, leading the design of high-performance, scalable, and resilient cloud-native applications. Influences strategic decisions regarding cloud architecture, shaping high-level design and technology choices within the organization to align with business goals. Provides high-level architectural guidance during project planning phases and detailed design sessions, working closely with development teams to ensure architectures are implemented according to specifications. Oversees the migration of legacy applications to cloud environments, ensuring minimal disruption and optimal performance.</p>
25%	<p>Design and Development of Cloud-Native Applications: Leads the technical development of cloud-native solutions that incorporate advanced cloud capabilities such as auto-scaling, distributed caching, and fault tolerance. Responsible for the comprehensive architecture of cloud application solutions that meet both technical and business requirements. Develops and maintains cloud architecture blueprints throughout the lifecycle of projects, engages in hands-on design, and ensures alignment with the overall IT strategy. Leads efforts in integration and system testing, establishing benchmarks to measure system performance.</p>
25%	<p>Architectural Standards and Compliance: Establishes rigorous architectural frameworks and ensures adherence to industry best practices and compliance with regulatory standards. Develops policies that enforce security and data protection within cloud architectures, staying updated with the evolving landscape of cloud technologies and regulatory requirements. Provides leadership in the development and implementation of cloud strategies that significantly reduce costs and improve information system capabilities. Ensures that solutions adhere to development best practices and architectural standards, acting as a senior consultant to the branch's management on cloud computing strategies and implementations.</p>
10%	<p>Optimization, Technical Scalability, and Innovation: Implements cutting-edge tools and techniques for continuous monitoring and proactive scaling of cloud applications. Analyzes system performance data to make informed decisions about architectural improvements, focusing on building robust systems that handle fluctuating workloads efficiently. Advocates for the adoption of emerging cloud technologies and practices within the organization. Leads educational initiatives to uplift the cloud competency of the IT department, ensuring that the team stays ahead in a rapidly evolving technology landscape. Prepares and delivers reports on the progress of cloud architecture projects, maintaining accountability for the technical soundness of proposed solutions, and keeps up-to-date with industry trends and advancements in cloud computing technologies to ensure effective implementation of innovative cloud solutions.</p>
Percentage of Duties	Marginal Functions
5%	<p>Partners with ITB program areas and project stakeholders to align project goals with strategic business and IT objectives. Coordinates with external vendors and service providers to ensure that all aspects of cloud application projects are aligned with organizational goals.</p>
5%	<p>Performs other duties as necessary.</p>

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4. WORK ENVIRONMENT <i>(Choose all that apply)</i>		
Standing: Occasionally - activity occurs < 33%	Sitting: Frequently - activity occurs 33% to 66%	
Walking: Occasionally - activity occurs < 33%	Temperature: Temperature Controlled Office Environment	
Lighting: Artificial Lighting	Pushing/Pulling: Occasionally - activity occurs < 33%	
Lifting: Occasionally - activity occurs < 33%	Bending/Stooping: Occasionally - activity occurs < 33%	
Other: <i>Click here to enter text.</i>		
Type of Environment: <input type="checkbox"/> High Rise <input checked="" type="checkbox"/> Cubicle <input type="checkbox"/> Warehouse <input type="checkbox"/> Outdoors <input type="checkbox"/> Other:		
Interaction with Customers: <input type="checkbox"/> Required to work in the lobby <input type="checkbox"/> Required to work at a public counter <input type="checkbox"/> Required to assist customers on the phone <input type="checkbox"/> Required to assist customers in person <input type="checkbox"/> Other:		
5. SUPERVISION EXERCISED: <i>(List total per each classification of staff)</i>		
Directly supervises: N/A		
6. SIGNATURES		
Employee's Statement: <i>I have reviewed and discussed the duties and responsibilities of this position with my supervisor and have received a copy of the Position Statement.</i>		
Employee's Name:		
Employee's Signature:		Date:
Supervisor's Statement: <i>I have reviewed the duties and responsibilities of this position and have provided a copy of the Position Statement to the employee.</i>		
Supervisor's Name:		
Supervisor's Signature:		Date:
7. HRSD USE ONLY		
Personnel Management Group (PMG) Approval		
<input checked="" type="checkbox"/> Duties meet class specification and allocation guidelines. <input type="checkbox"/> Exceptional allocation, STD-625 on file.	PMG Analyst Initials	Date Approved
	dmg	7/16/2024
Reasonable Accommodation Unit use ONLY <i>(completed after appointment, if needed)</i> <i>If a Reasonable Accommodation is necessary, please complete a Request for Reasonable Accommodation (DE 8421) form and submit to Human Resource Services Division (HRSD), Reasonable Accommodation Coordinator.</i> List any Reasonable Accommodations made:		

Supervisor: After signatures are obtained, make 2 copies:

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- Send a copy to HRSD (via your Attendance Clerk) to file in the employee's Official Personnel File (OPF)
- Provide a copy to the employee
- File original in the supervisor's drop file