JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION	DWR POSITION NUMBER	SAP POSITION NUMBER	MCR
Information Technology Specialist II	**0530-1414-004**	**50000574**	**1**

APPOINTEE	SAP PERSONNEL NO.	DIVISION/SECTION
Vacant		**DTS-Enterprise Development & Database Services**

COLLECTIVE BARGAINING IDENTIFIER

Management Related BU:	Supervisory Related BU:	Confidential Related BU:	Rank and File BU:
☐	☐	☐	☑ **R01**

RESPONSIBILITIES EXERCISED	IMMEDIATE SUPERVISOR (Print)	SUPERVISOR'S CLASSIFICATION
☐ Supervisory ☑ Lead Person	**Rajaram Bondu**	**Information Technology Manager I**

APPROVED BY (Personnel Analyst's Name)	DATE
Estevez Contreras	**11/03/2026**

Percent of Time	*Activity*
	POSITION SUMMARY **Under the general supervision of the Enterprise Development and Database Services Manager, the position serves as a Principle Application Solutions Architect. The position's duties and activities are performed primarily within the Software Engineering technical domain. The incumbent has full technical architecture lead responsibility for the application solutions that support the Department enterprise and individual program area business missions and objectives. The position provides technical leadership, direction, and oversight for the Software Engineers and Enterprise Software Architecture team(s). The position provides both strategic and tactical technical direction for design, development, and sustainable operations of the Department's application solutions portfolio. Incumbent must adhere to all Information Technology Policies and Standards as set by the Department's Manager of the Division of Technology Services.** **ESSENTIAL FUNCTIONS** **This position requires that the incumbent work cooperatively with others; maintain regular, predictable, and consistent attendance; exercise good judgment; provide excellent service to internal and external customers; and complete assigned projects and tasks on time at a level commensurate with the position classification. The incumbent must demonstrate the following: respect for coworkers and managers by being courteous, considerate, and professional; openness and trust by being straightforward, listening respectfully, sharing information, and being receptive to new ideas; and accountability by taking responsibility for one's own actions/inaction and the subsequent outcomes.** **SPECIFIC DUTIES INCLUDE:**
40%	**Serve as the Enterprise Application Solutions Architect. Formulate, implement, and maintain application architecture blue-prints, standards, practices, and processes. Define and maintain the Application Architectural Domain methodologies, reference models, and documentation standards. Develop and maintain enterprise application development frameworks. Provide Application Architecture leadership and technical expertise to development staff and project teams. Perform application performance reviews and develop recommendations for improvements such as:**

SUPERVISOR'S STATEMENT: **I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.**

SUPERVISOR'S NAME (Print)	SUPERVISOR'S SIGNATURE	DATE
Rajaram Bondu	➢	

EMPLOYEE'S STATEMENT: **I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.**

EMPLOYEE'S NAME (Print)	EMPLOYEE'S SIGNATURE	DATE
Vacant	➢	

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	expanding capacity, reducing response time, and increasing effectiveness. Review and approve individual application solution(s) architectural designs. Perform activity/task oversight for the planning, designing, and development of enterprise application solutions. Oversee, review and provide technical guidance on the integration of software platforms, software components, data, and services. Design and maintain enterprise application environments. Establish, maintain, and extend architecture policies and practices. Develop and maintain the enterprise application services library, including adding, updating and deleting of web-services and software components. Serve as point for application solution provisioning. Research and recommend new application development standards based on emerging technologies, techniques and tools. Serve as technical leader or advisor on the most complex application solution projects. Work with IT Senior Management on setting strategic application architecture direction for the department.
35%	**Serve as the Principle Lead Software Engineer. Establish and monitor use of software engineering operational principles, practices and methodologies. Provide leadership and direction in the establishment and enforcement of DWR approved system-development life-cycle methodologies. Lead in the design and development of the most complex and shared software application services and components. Perform development activities for the most complex applications solutions and interface programming. Mentor enterprise development staff to ensure they are fluent in and adhere to software development methodologies and standards, software engineering, integrated tool-sets, and application frameworks. Resolve complex application/system architecture, programming, and interface issues. Provide technical expertise for the design and development of the most complex reusable application/solution software components and application platforms. Establish and maintain the Application shared services catalog. Develop and maintain application release management processes. Plan and deploy the technical activities necessary to keep the systems maintained with current releases of software. Design, develop, and application integration utilizing security standards. Lead and/or coordinate operations of complex applications composed of multiple system component integrations. Coordinate and ensure effective operations of complex configurations and integration with other enterprise technical domains.**
20%	**Serve as the Service Oriented Architecture (SOA) Architect. Formulate and maintain the enterprise SOA application integration framework. Establish, maintain, and extend enterprise SOA policies and practices. Design, develop, and maintain the application services delivery platform. Provide enterprise SOA application architecture and complex SOAP and REST services. Perform or lead technical activities related to the design, development, and implementation of solutions that require system integration of infrastructure shared-services and enterprise software packages. Provide establishment and enforcement of the enterprise SOA services development life-cycle methodology.**
5%	**Effectively represent the Division/Branch in meetings. Serve on or chair special sub-committees as designated. Prepare recommendations, presentations, product demonstrations and decision-making analysis as assigned. Participate in the development and maintenance of effective standards and templates to support technical service delivery. Upon request, perform technical**

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5% (cont'd)	**research and develop issue papers to support these endeavors. Attend training to pursue career development opportunities. Perform special assignments as required.** **SPECIAL REQUIREMENTS** **Incumbent shall maintain strict confidentiality in regard to departmental data and systems, identity management, system accounts, and information security items that they have access to via any assigned privilege accounts (These are accounts assigned to an employee that require privileges over-and-beyond the standard user production account, e.g. system administrator, applications administrator, domain administrators). Incumbent must maintain strict confidentiality when participating in any e-discovery or forensics type of activities, or any other situations where discretion is required.** **All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.** **The Department of Water Resources is committed to its mission and employees, and we are grounded in our commitment to public safety. Regular, consistent, and predictable attendance is essential to the successful performance in this position.** **May be required to work extended hours and travel to various locations throughout the State of California when requested.** **KNOWLEDGE, SKILLS AND ABILITIES** ***System development life cycle methodologies, techniques, and practices** ***Software engineering** ***System engineering** ***System integration techniques** ***Design patterns** ***System modeling** ***Data modeling** ***Solution provisioning** ***TOGAF, Zachman or other Architecture frameworks** ***Service Oriented Architectures and related technologies (SOAP, REST, etc.)** ***Managed frameworks and code for application development** ***Modern Web and Mobile Application Architectures and Technologies** ***Software Risk Management/Secure Software practices**