

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Information Technology Specialist I		DWR POSITION NUMBER 1425-1402-007	SAP POSITION NUMBER 50001039	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION DTS-California Data Exchange Technology Services	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: <input type="checkbox"/> Supervisory Related BU: <input type="checkbox"/> Confidential Related BU: <input checked="" type="checkbox"/> Rank and File BU: R01				
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Kishore Kambhampati	SUPERVISOR'S CLASSIFICATION Information Technology Manager I	
APPROVED BY (Personnel Analyst's Name) Estevez Contreras			DATE 06/04/2024	
<i>Percent of Time</i>	<i>Activity</i>			
45%	<p>POSITION SUMMARY Under the direction of the Manager of the California Data Exchange Technology Services Office of the Division of Technology Services the position serves as a Software Engineer. The position's duties and activities are performed primarily within the Software Engineering technical domain. The incumbent is responsible for analyzing, designing, developing, and deploying complex applications in support of a real-time, mission critical hydrological data collection and data dissemination system. Incumbent must adhere to all Departmental IT Governance Policies and Standards as approved by the Department's Manager of the Division of Technology Services.</p> <p>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.</p> <p>SPECIFIC DUTIES: Independently design, data model, develop, implement, and maintain Database applications including Business Intelligence solutions in a highly complex environment. Act as a database developer in design and implementation of complex real-time hydrological application development projects. Work closely with application developers in building complex web based application with Cloud, Java and database platforms. Expert in doing database modeling and configure databases as per application needs. Experience in building and managing production(OLTP) databases and data-warehouse(OLAP) databases. Consistently optimize application and database performance, and maintain high availability of mission critical hydrological applications. Analyze business</p>			
SUPERVISOR'S STATEMENT:		I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.		
SUPERVISOR'S NAME (Print) Kishore Kambhampati		SUPERVISOR'S SIGNATURE ➤	DATE	
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) Vacant		EMPLOYEE'S SIGNATURE ➤	DATE	

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40%	<p>Independently coordinates and implements the electronic exchange of critical real-time hydrologic data with Federal agencies, State agencies, local agencies, and public municipalities. Independently designs, implements, and maintains relational databases in a highly complex environment. Expert in database installation, administration, performance tuning and trouble shooting. Act as project leader in design and implementation of complex real-time hydrological database development projects. Install Oracle RDBMS system software, consistently optimize database performance, and maintain high availability of mission critical hydrological data.</p>		
15%	<p>Assist in the installation and administration of operating systems, network communications software, and software/system monitoring tools. Assist and provide training to internal and remote users in executing applications and accessing the hydrological database system. Acts as a spokesperson to public agencies regarding information associated with the California Data Exchange Center database operations. Performs other application development and system administration as required. Performs ad hoc application development and system administration to support real-time operational tasks.</p> <p>OTHER RESPONSIBILITIES</p> <p>This position provide necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during Governor declared emergencies, flood, dam, State Water Project, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as Governor's Office of Emergency Services and Federal Emergency Management Agency in disaster work including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department's Administrative Orders.</p> <p>SPECIAL REQUIREMENTS</p> <p>Position requires incumbent to obtain and maintain Standardized Emergency Management System (SEMS) and National Incident Management System (NIMS) certifications.</p> <p>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.</p>		

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	<p>DIVERSITY, EQUITY AND INCLUSION</p> <p>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.</p> <p>The Department of Water Resources (DWR) is committed to its mission and employees, and we are grounded in our commitment to public safety. DWR offers a hybrid workplace model that is designed to support a workforce of both office-centered and remote-centered workers. Regular and consistent attendance - whether office-centered or remote-centered - is essential to the successful performance in this position.</p> <p>May be required to work extended hours and travel to various locations throughout the State of California when requested.</p>			