

**DUTY STATEMENT**

TECH 052 (REV. 02/2018)

**PROPOSED**

**RPA NUMBER (HR USE ONLY)**

**20-061**

**ALERT: This form is mandatory for all Requests for Personnel Action (RPA).**

**INSTRUCTIONS:** Before completing this form, read the instructions located on last page.

**Section A: Position Profile**

A. DATE	B. APPOINTMENT EFFECTIVE DATE	C. INCUMBENT NAME
D. CIVIL SERVICE CLASSIFICATION Information Technology Specialist II		E. POSITION WORKING TITLE Database Engineer II
F. CURRENT POSITION NUMBER 695-364-1414-028		G. PROPOSED POSITION NUMBER (Last three (3) digits assigned by HR) 695-364-1414-028
H. OFFICE / SECTION / UNIT / PHYSICAL LOCATION OF POSITION Platform/Mainframe Services/DB2 Support/Rancho Cordova		I. SUPERVISOR NAME AND CLASSIFICATION Claudia Neal, Information Technology Manager I
J. WORK DAYS / WORK HOURS / WORK SHIFT (DAY, SWING, GRAVE) MONDAY – FRIDAY 8:00 AM – 5:00 PM (VARIABLE)		K. POSITION REQUIRES: FINGERPRINT BACKGROUND CHECK <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO DRIVING AN AUTOMOBILE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**Section B: Position Functions and Duties**

Identify the major functions and associated duties, and the percentage of time spent annually on each (list higher percentages first).

	<p><b>Information Technology Domains</b> (Select all domains applicable to the incumbent's duties/tasks.)</p> <p><input type="checkbox"/> Business Technology Management      <input type="checkbox"/> IT Project Management      <input type="checkbox"/> Client Services</p> <p><input type="checkbox"/> Information Security Engineering      <input type="checkbox"/> Software Engineering      <input checked="" type="checkbox"/> System Engineering</p>
	<p><b>Organizational Setting and Major Functions</b></p> <p>Under general direction of the Information Technology Manager I (IT Mgr I) of DB2 Support, the Information Technology Specialist II (IT Spec II), performs a wide variety of tasks requiring innovative problem solving where guidance is not readily available. The IT Spec II optimize and apply architecture solutions for the benefit of the overall organization and play a major role in advising management or formulating information technology strategy and policy within the organization.</p> <p>The IT Spec II acts as an advance level technical software support specialist working with a team of highly trained professionals in support of the database components of a zSystem and client/server computing environment. Works independently, as a team leader or as a team member. Provides a variety of software support services for customer departments. Install, maintain, test, monitor, and tune complex vendor software products and other 3<sup>rd</sup>-party vendor database software products and/or general-purpose software products in these computing environments. Develop and maintain customized online and/or batch interfaces and exits to the software. Provide consultation and support as needed to support the customer department staff in the use of these products. Quickly, efficiently, and effectively troubleshoot and resolve the complex customer problems and proactively identify possible future problems. Develop and maintain project plans in support of California Department of Technology (CDT) Strategic and Tactical Plans. Act as backup when the IT Mgr I is unavailable.</p>
<p>% of time performing duties 45%</p>	<p><b>Essential Functions</b> (Percentages shall be in increments of 5 and should be no less than 5%.)</p> <p>The IT Spec II acts as a master level technical consultant on system software issues for supported software products; develop written procedures for performing system maintenance to ensure proper and timely maintenance; create detailed instructions on the use of proprietary and third party software product(s) using the appropriate tools for the audience. Independently or as a team member, conduct analysis of highly complex issues involving work projects. As requested by the customer, monitor and tune proprietary and third-party software using operating system and vendor-supplied tools and utilities to ensure maximum system performance and availability. Learn and interpret new technology to solve customer business problems or answer questions involving issues of the highest complexity in scope at the system software level. Proactively research new technology and processes for consideration of new services for CDT's customers, or improvement of in-house processes/systems. Attend team meetings on a regular basis and participate in other team related activities.</p>
<p>% of time performing duties 25%</p>	<p>Plan, manage, coordinate, install, and maintain the complex proprietary zSystem and client/server software products as requested by CDT customers, utilizing instructions, documentation, programs and utilities from the vendor, customer schedules, vendor requirements, and organizational policies</p>

as guidelines. Proactively identify and resolve the most complex technological issues. Conduct regular and frequent communications with internal and external customers to exchange information, discuss task/project progress and identify future tasks/projects and opportunities and reach decisions relative to customer requests, customer needs and service offerings. Make technical presentations to staff, customers, and management.

% of time performing duties  
25%

Identify and diagnose malfunctions of the complex software that may include recovery/restoration of the data, system software and/or hardware to ensure the software performs to the system specifications. This may include using dump analysis, traps, traces and vendor input to determine the appropriate corrective action. Perform regular backups of critical systems and upon loss of functionality or at customer request, recover and/or restore the data or the system software to return to normal operation. Review hardware and system software specifications including operating system, TP monitor, and storage requirements, to verify customer's environment can be successfully supported at CDT Develop and implement procedures which are used in the management of the zSystem database platform, and provide support to all levels of CDT operational staff. In support of ITIL/ITSM based standards, comprehensively document, research, resolve and complete tickets for CDT's incident, change, and problem management processes – work orders, task assignments, and service requests as they relate to the delivery of CDT information technology services, consistent with CDT standards and templates, using unit processes and procedures.

5%

**Marginal Functions** (Percentages shall be in increments of 5 and should be no more than 5%.)

Maintain skills to remain current with systems software trends and developments and keep abreast of department standards, processes, and procedures, and be able to mentor other staff as needed.

**Work Environment Requirements**

- Position may require the ability to be contacted for service outages or other emergencies.
- Must maintain consistent and predictable attendance.
- Position may require work outside of normal work hours.
- Some travel may be required for meetings, training and conferences.
- Must pass a fingerprint background criminal record check completed by the Department of Justice (DOJ) and the Federal Bureau of Investigation (FBI).

**Allocation Factors** (Complete each of the following factors.)

**Supervision Received:**

The Information Technology Specialist II receives general direction from the DB2 Support Information Technology Manager I. Work is done to meet the needs of the clients and is generated by the clients' direct requests or on behalf of requirements identified by the incumbent. Progress for the assignments will be reported by using weekly status reports as well as individual project reports where appropriate. The incumbent will be responsible for analysis, planning and implementation of these assignments.

**Actions and Consequences:**

Extensive knowledge of data processing concepts, practices, methods and principles with respect to evolving industry trends, practices, and standards is required for the incumbent to exercise good judgment to continually improve our work processes. Proper judgment in problem resolution, software implementation, and customer consultation is vital to the success of the projects assigned to the unit. Errors or poor decisions may result in the loss or disruption of major service to customers. The DB2 Support staff must be available to respond to service outages that affect daily operations.

**Personal Contacts:**

The incumbent works closely with a variety of staff at all levels within the data center, customer departments and stakeholders, and representatives from the vendor community, and must be able to effectively communicate issues and needs.

**Administrative and Supervisory Responsibilities** (Indicate "None" if this is a non-supervisory position.)  
None, but the incumbent will assist with the training of any new personnel for DB2 Support.

**Supervision Exercised:**

None, but acts as a leader on the complex systems software projects.

### Other Information

This position requires extensive knowledge of operating systems and related software as well as database software as implemented on the various supported hardware platforms. The incumbent must be familiar with the Windows desktop environment to effectively manage their work. The incumbent is a member of a highly skilled technical team of software specialists working to support various implementations of the database system and related software at the mastery specialist level on multiple operating system platforms.

**Desirable Qualifications:** (List in order of importance.)

The incumbent must maintain an extensive working knowledge of and the ability to perform any combination of the following:

- zSystem concepts, components and processing techniques
- JCL and procedures
- Computer programming and scripting skills.
- Use of IPCS and zSystem debug tools
- zSystem, JES2 and/or JES3 commands and zSystem file structures
- Miscellaneous system tools or applications such as ESP, E(JES), TSO, ISPF, FTP, CLIST, REXX
- Storage Concepts
- PC software tools such as MS Access, Excel, Word, HTML, etc.
- Network connection concepts for zSystems.
- Innovative, forward thinking individual
- Good technical writing skills and good verbal communication skills.

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**INCUMBENT STATEMENT: I have discussed the duties of this position with my supervisor and have received a copy of the duty statement.**

INCUMBENT NAME (PRINT)	INCUMBENT SIGNATURE	DATE
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**SUPERVISOR STATEMENT: I have discussed the duties of this position with the incumbent.**

SUPERVISOR NAME (PRINT) Claudia Neal	SUPERVISOR SIGNATURE	DATE
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