Employment Development Department
State of California

☐ Current
☒ Proposed

POSITION STATEMENT

1. POSITION INFORMATION	
CIVIL SERVICE CLASSIFICATION:	WORKING TITLE:
Information Technology Specialist I	Cloud Data Engineer
NAME OF INCUMBENT:	POSITION NUMBER:
Click here to enter text.	280-350-1402-976
OFFICE/SECTION/UNIT:	SUPERVISOR'S NAME:
Enterprise Applications/Web Innovation	
DIVISION:	SUPERVISOR'S CLASSIFICATION:
Application Services	Information Technology Supervisor II
BRANCH:	REVISION DATE:
Information Technology	*Click here to enter a date.*

Duties Based on: ☒ FT ☐ PT– Fraction _____ ☐ INT ☐ Temporary – _____ hours

2. REQUIREMENTS OF POSITION

Check all that apply:

☐ Conflict of Interest Filing (Form 700) Required
☐ May be Required to Work in Multiple Locations
☐ Requires DMV Pull Notice
☐ Travel May be Required
☐ Call Center/Counter Environment
☒ Requires Fingerprinting & Background Check
☐ Bilingual Fluency *(specify below in Description)*
☐ Other *(specify below in Description)*

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.)

☒ Business Technology Management ☐ IT Project Management ☒ Client Services
☐ Information Security Engineering ☒ Software Engineering ☒ System Engineering

Under the general direction of the Information Technology Supervisor II, the Cloud Data Engineer will be responsible for the analysis, design, implementation, administration, and optimization of our organization's cloud infrastructure on the Employment Development Department's (EDD) Google Cloud Platform (GCP). The incumbent will work on projects to ingest, store, process, analyze, explore, and visualize data on Google Cloud Platform and will work closely with other teams to ensure smooth operation, security and scalability of EDD's GCP Platform.

Percentage of Duties	
40%	Design, deploy and build optimized data pipelines to support efficient ETL processes from various sources and storage systems. Work closely with business and technical stakeholders

	to develop data models and pipelines for research, reporting, analytical processing, analytics, and data. Design and create data visualizations such as Looker Dashboards using LookerML that effectively communicate key information as required by EDD stakeholders. Develop and implement data validation and analysis methods to ensure data quality and compliance with data governance and security policies using tools like BigQuery, Dataflow, and leveraging services such as Data Loss Prevention (DLP). Automate repetitive tasks using scripting languages and infrastructure. Create, update, and maintain technical documentation such as technical design documents, data model and business process specifications. Define, configure and conduct data profiling, data cleansing and data migration Activities. Define, configure, and implement a data archival policy to support cost effective storage, enhanced data security, and improved data accessibility.
30%	Perform Unit Testing, Integration Testing, Functional Testing, and Regression Testing of all new functionality, bug fixes, and/or new software to the Production Environment to verify that the developed application or system functions correctly and meets the requirements defined by business owners, business sponsors and subject matter experts. Troubleshoot, track, and conduct, and document root cause analysis of any data platform issues utilizing standard procedures until resolved or escalated.
25%	Provide high-quality customer service including promptly managing incoming requests, conducting regular team check ins, prioritizing technical tasks, documenting required information, and actively communicating with the end users and project team members. Facilitates elicitation sessions with business owners and subject matter experts to gain a deep understanding of their needs and objectives. Prepares and presents analysis findings and recommendations to project stakeholders to ensure approval of project approach.
5%	Performs other duties as required, attends trainings, meetings and participates in other projects as needed.

4. WORK ENVIRONMENT *(Choose all that apply)*

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: *Choose an item.*

Other: *Click here to enter text.*

Type of Environment:

☒ High Rise ☒ Cubicle ☐ Warehouse ☐ Outdoors ☐ Other**:**

Interaction with Customers:

☐ Required to work in the lobby ☐ Required to work at a public counter
☐ Required to assist customers on the phone ☐ Required to assist customers in person
☐ Other:

5. SUPERVISION EXERCISED:

(List total per each classification of staff)

None

6. SIGNATURES

Employee's Statement:
I have reviewed and discussed the duties and responsibilities of this position with my supervisor and have received a copy of the Position Statement.

Employee's Name:

Civil Service Classification	Position Number
	280-350-1402-976

Employee's Signature:	Date:
Supervisor's Statement: *I have reviewed the duties and responsibilities of this position and have provided a copy of the Position Statement to the employee.*	
Supervisor's Name:	
Supervisor's Signature:	Date:

7. HRSD USE ONLY

Classification and Pay Unit (CPU) Approval

☐ Duties meet class specification and allocation guidelines. ☐ Exceptional allocation, STD-625 on file.	CPU Analyst Initials	Date Approved
	FNB	11/19/2026

Reasonable Accommodation Unit use ONLY *(completed after appointment, if needed)*

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.

List any Reasonable Accommodations made:

Supervisor: After signatures are obtained, make 2 copies:

- 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