Job Title	Senior Database and Application Developer
PVN ID	VA-2305-005621
Category	Managerial and Professional
Location	OFFICE OF SR. UNIV DEAN FOR ACADEMIC AFFAIRS

Department	Office of Research Evaluation & Program
Status	Full Time
Annual Salary	$100,500.00 - $100,500.00
Hour(s) a Week	35
Closing Date	Jul 28, 2023 (Or Until Filled)

General Description

This position works cross-functionally with the Office of Academic Affairs (OAA) staff to support evaluation, reporting, administrative projects, and to develop technology and data solutions. This position is responsible for designing and developing new functionality for various OAA database applications, as well as integrating other systems and configuring servers, migrating them, and updating various add-ons.

Specific duties include:

- Work with the data management team to review current front-end interfaces and to develop new interfaces and functionality;
- Develop and design new functionality for the OAA database applications to meet program and administrative needs;
- Assess current processes and develop technology solutions to create efficiencies, maximize data integrity, and minimize manual data entry;
- Design, develop, and unit test new features, enhancements, and interfaces for Oracle APEX web applications;
- Maintain applications, including bug fixes, performance enhancements, and runtime production support;
- Serve as the project lead on all tasks related to the database application and implementation of technology tools, provide guidance and feedback on the design and execution of new features;
- Work closely with REPS staff to support all stages of data collection, cleaning, coding, and file conversion into formats that are useful for program management, evaluation, and research;
- Maintain selected data sources and implement regular updates to ensure data quality;
- Assist with coordination and troubleshooting of database and software systems;
- Create and maintain Standard Operating Procedures (SOPs) to ensure accuracy, consistency, and relevancy of all information stores across OAA databases;
- Work with staff to create the end user documentation and training materials to be used throughout the life of the database;
- Provide technical and operational assistance to users, troubleshoot and resolve application and database related problems.

Other Duties

N/A

Qualifications

Requires bachelor's degree in Electrical Engineering, Electronics Engineering, Computer Science or related field, and four years of related experience.

Experience must include:

- Four years of data management with a strong background in relational database design;
- Four years of SQL databases (Microsoft Access, Oracle database, Microsoft SQL Server);
- Two years of Tableau Server administration, architecture, installation, migration, and upgrades
- Two years of experience developing web applications with Oracle APEX;
- Two years of experience designing and developing cloud-native, scalable, and highly available distributed systems.