



## SQL DATABASE PROGRAMMER

Since 1987, NRI has been the only national organization working with state agencies, the Federal Government, and other entities to define, collect, and analyze data on public behavioral health systems. NRI is the preeminent organization for collecting performance measurement data from the majority of state psychiatric facilities and some private psychiatric facilities for The Joint Commission and CMS reporting requirements.

NRI is currently seeking a **SQL Database Programmer** to add to their team of conscientious professionals. The Database Programmer supports, upgrades, and manages a HIPAA-compliant patient-level relational database based on psychiatric hospitals' performance measures. The Database Programmer uses accepted industry standards to load, modify, and delete data; create new data-driven reports; and modify table structures and associated objects for system enhancements. Additionally, the Database Programmer is relied upon to extract data from the database to be used in reports and special studies.

### ESSENTIAL RESPONSIBILITIES

- Creates SQL scripts, stored procedures, and reports for new measures, ad hoc special requests, and summary reports. Modifies existing scripts, stored procedures, functions, and reports to align with changes in database design or new measure algorithms.
- Creates quarterly transmission files for The Joint Commission (TJC) and annual transmission files for CMS. Reviews data for accuracy and completeness. Reviews specifications for updates to requirements and modifies procedures, documents testing results, and informs program staff of updates.
- Reviews with program team of non-technical staff changes recommended for enhanced security or end-user experience. Conducts testing on recommended changes, and documents findings.
- Review and evaluate changes to database design to more effectively meet end-user needs or add new service offerings. Coordinates with web programmer to assess impact throughout the system. Implements physical changes to databases, codes and tests SQL, applying knowledge of database management. Evaluates impact on other processes that utilize the databases, updates references as needed, and updates documentation.
- Applies all updates to the database. May collaborate with IT Managed Services Provider and IT Project Manager to ensure overall integrity of system.
- Imports updated reference data, such as ICD-10 codes and HBIPS target values, into tables for use by stored procedures and reports.
- Provides ongoing support to program team members to identify the specific records flagged in data quality reports that indicate data from a provider has not meet quality standard. May develop or suggest new report or web query to assist team members.
- Records and maintains a catalog of changes to database records as requested by providers (for HIPAA compliance). Ensures documentation of requests meet minimum guidelines, and informs provider when requested changes are completed.

National Association of State Mental Health Program Directors Research Institute, Inc.

3141 Fairview Park Dr., Suite 650, Falls Church, VA 22042 ■ 703.738-8160 ■ Fax: 703.738-8185 ■ <http://www.nri-inc.org>

- Maintains documentation of database structures, objects, and functions, including notation of upgrades and issues. Documentation includes information on SQL tables, queries, stored procedures, and reports, type of action on the database, and last update.
- Cleans and maintains databases by removing/deleting/archiving old data, inactive stored procedures, and inactive reports. Develops strategy for regular maintenance of database and updating of documentation.

#### **QUALIFICATIONS**

- Bachelor's degree in technical discipline or technical degree and certification preferred
- At least three or more years of experience designing, building and supporting databases and documenting processes. Knowledge of commonly-used concepts, practices, and procedures for manipulating databases in MS-SQL Server required. MS SQL server database and reporting services required.
- Detail-oriented with strong follow-up skills.
- Ability to communicate effectively both verbally and in writing to non-technical staff and clients.
- Ability to prioritize and handle multiple tasks and meet critical deadlines.
- Ability to adapt and adjust to changing circumstances.
- Ability to work well in a team environment and independently to achieve common objectives.

To apply, send your resume and cover letter to: [info@impactHRllc.com](mailto:info@impactHRllc.com)

NRI is an Equal Opportunity Employer