SAS Data Architect/Developer

Position Purpose:

The Database Manager/Architect is responsible for the design, administration, development and expansion of a multi-source, multi-hospital, multi-schedule data warehouse to support business intelligence, advanced analytics, clinical research as well as routine health system quality and safety reporting. This is a key position in an innovative environment in which team members see how their work is used to improve patient care.

Essential Functions:

1. Designs, administers and maintains data warehouse
    o   Responsible for the ETL processes; Manipulates, cleans, loads data from internal and external sources; Tests and maintains data integrity across multiple databases with edit checks; Develops and maintains framework for adding additional data sources into warehouse
    o   Maintains database server integrity and security;
    o   Develops new processes for the warehouse to optimize the existing data; implements new database and online technology from time to time; improves efficiency of existing database systems by utilizing keys and indexes
    o   Audits, modifies and updates data in systems using processes such as SAS, SQL commands, hand-editing, and bulk import;
    o   Develops and enforces database and user standards and procedures;
    o   Schedules database projects, transaction log backups, and notifications;
    o   Works with TIS, home office, external organizations for efficient and accurate data management.
2. Maintains the confidentiality of information acquired pertaining to patients, physicians, employees, and visitors to St. Joseph Mercy Health System. Discusses patient and hospital information only among appropriate personnel in appropriately private places.
3. Provides technical leadership for SQL Server and online database projects;
    o   trains and provides technical direction to staff as needed;
    o   collaborates with the team and participates in team meetings, project meetings and individual meetings
    o   Reviews technical designs, reports, documentation, and other materials produced by staff;
    o   Assists Database Designers/Information System Analysts in the development and creation of SQL and Web-based databases and database systems;
    o   Works closely with physicians and hospital staff to determine their information needs
    o   Maintains good rapport and cooperative relationships. Approaches conflict in a constructive manner; Helps to identify problems, offer solutions, and participate in their resolution.
4. Behaves in accordance with the Mission, Vision, and Values of Saint Joseph Mercy Health System.
5. Assumes responsibility for performance of job duties in the safest possible manner, to assure personal safety and that of coworkers, and to report all preventable hazards and unsafe practices immediately to management.
6. Performs other duties as assigned.

Required Qualifications:

· **Education:** Bachelor's degree in computer science, information management or related field; Certification in Microsoft SQL server (preferred).

· **Experience:**

- At least 5 years of experience in a Microsoft SQL environment with significant responsibilities.
- Demonstrated understanding of current data structures, database theory and database administration concepts
- Proficient with MSSQL Server 2000, MSSQL Server 2008, SQL, and Sybase, stored procedures, importing/exporting data, back up/restoring databases, cursors, triggers
- Knowledge of FTP and ODBC Connectivity
- Proficient knowledge of SAS, Bases SAS, SAS macros, INTRNET, ACCESS, CONNECT (strongly preferred)
- Business Objects, Desktop Intelligence, Web Intelligence (preferred)
- Familiarity with basic retrieval, security and back-up
- Strong analytical, problem-solving and conceptual skills
- Ability to manage multiple concurrent projects
- Experience working in the healthcare industry (preferred)
- Strong teamwork and interpersonal skills
- Solid verbal and written communication skills

Contact:
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