

Job Title:	Senior SQL Developer	Reports to:	Deputy Director/Chief Informatics Officer
Location:	Chicago	Travel Required:	
Level/Salary Range:	DOE	Level/Salary Range:	Exempt
HR Contact:	Claudria Hurt	Posting Date:	01/04/2023
External Posting URL:			

Applications Accepted By:

Email: careers@alliancechicago.org or Fax: 312.274.0069

Subject Line: Senior SQL Developer

Job Description:

Position Overview:

Responsible for extracting information from the organization's enterprise data warehouse and related data systems, in support of the AllianceChicago Electronic Medical Record System Users, Research Network and Enterprise Analytics needs as well as in support of AllianceChicago members, stakeholders and User Community. Individual also supports reporting needs and queries for public health surveillance. The AllianceChicago enterprise data platform is hosted in Microsoft Azure in conjunction with a third-party data warehouse technology. The system is built on Microsoft SQL platform. Scope of work involves design, development, and implementation of SQL and other queries, using Microsoft SQL Server data tools, SASS, SSIS and other programs. The role is heavily focused on the development of normalized data marts, from multiple data sources, that feed multiple applications and tools for our clients.

Duties and Responsibilities:

- Design and build data marts and extension of data marts, meta data, and data models on 3-tiers architecture.
- Provides leadership in defining reporting needs based on user requirements
- Contributes to the design, expansion, and maintenance of the data warehouse
- Assists in the production of reports and dashboards from data warehouse
- Produces Ad-hoc inquires/reports to meet research and quality initiatives
- Provides user training and support related to quality reports and data
- Assists in maintaining and administering the data warehouse and data marts
- Supports identification of and develops solutions to data quality issues
- Resolves data issues with current reports.
- Supports the Director of Consulting Services:
 - in the development of Scopes of Work related to data reporting
 - creating solutions to client needs
 - proposing new products and services
- Assists in the development of ETL procedures using SSIS to import data used by queries in the data warehouse.
- Contribute to or lead large scale DW/BI projects delivering an end-to-end Data Analytics delivery for customers

Required Qualifications:

- 5+ years in data architecture, designing and building data assets and products
- 5+ years of experience with SQL Server 2016 or higher, Azure SQL including SQL Server Reporting Services and Master Data Management, ETL (SSIS, Azure Data Factory), Power BI and other reporting tools.
- In depth understanding with creation and maintenance of dimensional models
- Strong Analytical skills

- Ability to work independently to organize work in a manner that ensures accuracy and efficiency
- Strong experience on creating fast and efficient database queries and troubleshoot bottlenecks
- Preferred experience with R, Python or similar statistical tools/languages
- Performance Testing; test procedures for white and black box testing and test documentation; command Unix and code shell script
- Bachelor Level preparation in computer, mathematical, information sciences or equivalent training – Master Level Preferred

Other Requirements:

- Flexibility and ability to work with individuals of diverse backgrounds and educational levels
- Ability to function in a collaborative and collegial environment as a team player.
- Ability to work in variety of settings
- Detail oriented; highly organized; ability to prioritize and set expectations
- Ability to generate trust and build alliances with coworkers
- Strong technical writing skills and written communications skills
- Familiarity with clinical data a plus
- Expert knowledge of DAX in large deployments of Power BI
- Knowledge of cloud computing, preferably of Azure

Working Conditions:

- General office setting, extensive telephone and desk work at computer terminal
- May be required to lift, carry, bend, and stand with parcels up to 25 lbs.
- Will work in a close multidisciplinary team environment

ORGANIZATIONAL OVERVIEW:

Founded by four partner Community Health Centers in 1997, AllianceChicago's three core areas of focus are Health Care Collaboration, Health Information Technology, and Health Research & Education. AllianceChicago supports the use of HIT to improve quality, efficiency, and access to services in a national network of community Safety Net health care organizations. The mission of AllianceChicago is to improve personal, community, and public health through innovative collaboration.

ADA Statement: The Americans with Disabilities Act prohibits discrimination and ensures equal opportunity for persons with disabilities in employment, state and local government services, public accommodations, commercial facilities, and transportation. It also mandates the establishment of TDD/telephone relay services.

EEO Statement: AllianceChicago believes that all applicants and employees are entitled to equal employment opportunities and maintains a policy of non-discrimination with respect to religion, color, sex, sexual orientation, national origin, age, veteran status, marital status, physical or mental disability, or any other legally protected class in accordance with applicable law, except where a bona fide occupational qualification exists. AllianceChicago will comply with all phases of employment including, but not limited to, hiring practices, transfers, promotions, benefits, discipline, and discharge.

Disclaimer: The above statements are intended to describe the general nature and level of work being performed by employees assigned to this position. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel as qualified.