Healthix

Job Title: Interface Engineer

Healthix is part of a **nationwide effort** to improve our health care system through better access to information.

Healthix is the largest Regional Health Information Organization, or RHIO, in New York State. **Our team** collaborates closely with premier academic medical centers, and with the New York City (NYC) and New York State (NYS) Departments of Health (DOH) to provide technology and consulting services that connect health care providers and patients. We maintain data of 9,000,000 patients that is continuously updated by over 100 Participant organizations and accessible by over 12,000 Authorized Users. With the patient's consent, we help Providers and health plans securely access patient data to support more effective treatment and care management, consistent with regulations and policies established by NYS DOH.

We improve how health care is delivered with the end result of better care for the patient and greater efficiency for everyone.

Position Description:

The **Interface Engineer** is responsible for design and development of interfaces between participant systems and InterSystems HealthShare. The **Interface Engineer** is an experienced individual who understands raw clinical data in its many different file formats, interface engine workflow, data transformation, and the software development life cycle. In addition to strong analysis and development capabilities, he or she must demonstrate the ability to independently write interface specifications, test plans and documentation.

This position reports to the Senior Director of Software Architecture and Engineering.

Responsibilities include but are not limited to:

- Implementing and maintaining bi-directional HL7 v2 interfaces between HealthShare and EHRs, certified applications, and other systems.
- Implementing and maintaining bi-directional HIE interfaces between HealthShare and EHRs, certified applications, and other systems.
- Implementing and maintaining custom XML interfaces into HealthShare.
- Implementing and maintaining custom batch file drops from participants into HealthShare.
- Analyzing interface requirements and writing technical interface specifications and documentation
- Writing interface data transformations
- Creating test messages, scripts and interface testing documentation

The qualified candidate for this position will possess:

- Bachelor's degree or higher

- Minimum five years' experience in application software design and development, including at least six months' experience with healthcare integration and health information exchange. Experience with InterSystems HealthShare or Ensemble is strongly preferred, but not strictly necessary.
- Complete fluency with the HL7 2x file format both ADT and clinical messages
- A thorough understanding of how interface projects work
- Experience with CCD and C-CDA document exchange
- Experience with file parsing (XML, XSLT, etc.)
- Knowledge of X12 file formats a plus
- Comfort level with object-oriented programming concepts a plus
- Excellent written and oral communication skills; ability to work directly with clients

Interested candidates should submit resumes, Curriculum Vitae and/or employment history to careers@heathix.org

Healthix is an Equal Opportunity Employer