

# Interoperability Developer/Engineer

**Job Title:** Interoperability Developer/Engineer

**Reports to:** Vice President, Customer Success

**Location:** United States (CA, WA, PA, TX, IN preferred), Canada, or Europe

**Job Type:** Full time (1.0 FTE)

## Position Description

With full benefits, advancement opportunities, and rewards for hard work and dedication, this remote position will support the Solutions Services team within REDCap Cloud's Delivery (Customer Success) division. This role is best suited for an individual with significant work ethic who excels in a fast-paced environment and enjoys results-oriented work in an ever-evolving technical space.

The Customer Success team mission is to 'make it easy' customers.

The team is responsible for all billable and non-billable delivery of REDCap Cloud modules, including:

- (1) Electronic Data Capture and Management (EDC)
- (2) Administration Portal
- (3) Data and Analytics (DnA)
- (4) myREDCapCloud patient portal
- (5) iPaaS data integration as a service
- (6) Mobile Applications
- (7) eLearning

The candidate will help develop strategy to orchestrate and influence across strategic enterprise environment to drive bidirectional, interoperable capabilities for source (clinical, operational) Information Exchange for our customers and their global site base. The process often starts by communicating with the SaaS customer base or Services client to see what their needs are. This eventually leads to test plan specifications and working with clients through analysis and design of the solution that is to be integrated.

## Essential Functions

- Work closely with the director of program management, the technology team (DevOps, QA) and Solutions Services implementation specialists to appropriately scope, design, and implement interoperability between clinical and operational source systems.
- Manage data analysis and data integration of disparate systems (EHR,CDW,LMS, etc).
- Implement processes and logic to extract, transform, and distribute data across one or more data stores from a wide variety of sources.
- Optimize data integration platform (iPaaS) to provide optimal performance under increasing data volumes.
- Upload data into appropriate databases in accurate and timely manner.
- Develop and document the data audit, archiving, and restoration processes.
- Develop quality standards to ensure data quality and integrity across various database systems.
- Conduct review of other integration developers' development efforts to ensure consistent methodologies are followed and to make recommendations where necessary.
- Work with business stakeholders (customers, sites, CROs) to translate functional specifications into technical designs for implementation and deployment.
- Synthesize collected data/information and advises initiative owners on options, risks, cost versus benefits and impacts on business processes, systems, providers, etc.
- Document/provide input into documentation for integration methods for internal and external reference.

## Preferred Experience

- 3+ years related work experience in Computer Science, Engineering or equivalent combination of transferable experience and education
- Ability to work in an agile and iterative environment
- Understanding of projects with technology components (e.g., implementation life cycle: requirements gathering, design, testing, etc.)
- Knowledge of various healthcare applications (EHR, Care Management Platforms, etc.)
- Integration experience with Healthcare Information systems such as EHR applications/systems (e.g., Epic, Meditech, Cerner) with emphasis on clinical data integration
- Experience working with interface engines and clinical or healthcare workflows and/or hands-on experience working with HL7 v2 message types
- Knowledge of one or more of Web Services/REST, JSON, XML, and Service-Oriented Architecture
- A strong sense of urgency, analytical, and problem-solving skills
- An ability to work independently and efficiently to complete tasks
- Project management, ownership, and accountability while delivery on a client's needs

- Excitement to work in a growing company that is making an impact!

#### Preferred Education

Related Bachelor's degree or additional related equivalent work experience. Master's degree in data science, computer science, or life sciences preferred.

#### Preferred Skillsets

Working knowledge of Clinical Data Source (Epic, Cerner, LMS), Syndesis, or Integrations via HL7, FHIR, OMP, CDISC or other standards.

#### Location

100% remote with no travel required

#### About REDCap Cloud

REDCap Cloud empowers patient-centered clinical research to advance discoveries, commercialize therapeutics and devices, and establish new standards of care based on real-world evidence. Through our REDCap Cloud suite of products and services, we serve clients and partners worldwide including life science companies, contract research organizations (CROs), academic research centers, integrated health systems, government agencies and foundations.

REDCap has been developed by Vanderbilt University for over a decade and is widely used in academic research community to support clinical and translational research in over 137 countries and 900,000 studies. REDCap Cloud EDC was launched in in early 2016 to support commercial and non-profit clinical research. REDCap Cloud is a unified data management platform to collect, manage, analyze, and share data to support a collaborative, patient-centric approach to clinical research. For more information on REDCap Cloud please visit <https://redcapcloud.com/>.