

Enterprise Data Architect

Job Level	5	Job Reference No:	12196
		Role review date:	2025
Directorate	ISD	Function	Data & Insight Hub
Service	Perm	Reports to:	Sr. Head of Data Products, Engineering & Architecture

Scale and scope of role

Direct reports	None	Indirect reports	Assigned programme resources
Budget responsibility/ accountability	None	Accountable for other resources	Data architecture artefacts across BRC

Context

We help anyone, anywhere in the UK and around the world to get the support they need if crisis strikes: connecting human kindness with human crisis.

We enable vulnerable people in the UK and abroad to prepare for and withstand emergencies in their own communities. And when the crisis is over. We help them to recover and move on with their lives.

We are part of the Red Cross and Red Crescent global humanitarian network.

Our Values and Principles

Our values (compassionate, courageous, inclusive and dynamic) underpin everything that we do. As a member of the Red Cross and Red Crescent Movement, the British Red Cross is committed to, and bound by, its **fundamental principles**: humanity, impartiality, neutrality, independence, voluntary service, unity and universality.

Diversity

At the British Red Cross, we are looking for the right people to help us provide support to millions of people affected by crisis. We want our team to reflect the diversity of the communities we serve, offering equal opportunities to everyone regardless of age, disability, gender reassignment, marriage and civil partnerships, pregnancy and maternity, race, religion or belief, sex, or sexual orientation.

Diversity is something we celebrate, and we want you to be able to bring your authentic self to the British Red Cross. We want you to feel that you are in an inclusive environment, and a great position to help us spread the power of kindness.

Purpose of the role

The vision for data is a *British Red Cross that acts upon ethically upon the latest data and insights to design our services, partner and convene and advocate for change*

The mission of the Data & Insight Hub is *to enable evidence-based decision-making across British Red Cross and in the broader movement.*

We do that through:

1. Fostering the data and insight culture at BRC and in national societies, improving data fluency to increase evidence-based decision-making, building the community of data professionals to facilitate learning and sharing, and increasing awareness of the value of insight
2. Building and managing the relevant tools, platforms, and data products, enabling data and insight products to be created, shared, and managed effectively and efficiently
3. Building, managing, and disseminating actionable strategic insight products, and supporting directorates in developing their own insight products, ensuring insight products across BRC are efficiently developed, aligned to best practice, and embedded into decision-making processes
4. Ensuring data is reliable, trustworthy, and easily found, so insights can be created efficiently and used with confidence, and data quality improved by the relevant

This role supports objective 2, providing data architecture subject matter expertise.

Key responsibilities

Taking a use-case based approach, the Enterprise Data Architect will be responsible for building Data Architecture designs, strategies, governance and principles, ensuring that as new systems and data products are developed, the right data is captured in the right place, flows efficiently through the technical ecosystem, and can be accessed reliably to support evidence-based decision-making.

1. Establish and manage the data and insight technology architecture

- Provide architectural support for the data and insight technical ecosystem, including the data platform and insight tools, and the integration of new data sources into the ecosystem
- Ensure the decommissioning of any legacy platforms and tools is architecturally sound
- Consult and advise spokes and Technology on the data and insight technology architecture, with particular focus on how directorate-specific tools and platforms integrate with the data and insight architecture
- Design scalable and performant data integration patterns between systems
- Explore and advise on the selection of new tools and solutions
- Engage with Enterprise Architecture, ensuring alignment between the two functions
- Ensure data security, privacy, and compliance with relevant regulations (GDPR, CCPA, etc.)

Key measures of success include positive feedback from key stakeholders, effectiveness of knowledge sharing, and the quality and reusability of integration patterns

2. Manage and evolve the data and insight information architecture

- Design the structural framework for how data is organised, stored, integrated, and used
- Establish standards for data models, databases, integration patterns, and data definitions
- Create and maintain data flow diagrams showing how information moves through systems
- Work collaboratively across the organisation to embed the standards and framework

Key measures of success include the embedding of standards in the organisation, and the quality and reusability of the information architecture documentation.

3. Ensure systems can effectively capture, process, and deliver data across the organisation, with particular focus on supporting the design and implementation of new systems and system enhancements

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- On a use case/project basis:
 - Ensure that data requirements within data domains are captured effectively
 - Develop and maintain logical and physical data models and data flow diagrams, including the population of the relevant catalogues and repositories.
 - Create detailed data models for specific systems and applications
- Serve as a key voice of data on technology change programmes, leading on data modelling activities on technology change programmes, ensuring that as new systems and applications are developed data best practice is designed in
- Provide data architecture expert advice, guidance and support to projects and staff

Key measures of success include positive feedback from key stakeholders, reduction in data redundancy, improvement in data quality at source, and relevant documentation in place.

Team Member

- Actively participates in all team meetings.
- Supports other team members
- Works and behaves in accordance with all BRC policies, procedures and in line with our Values in Action.
- Upholds the fundamental principles of the Red Cross and acts with integrity, in accordance with the Society's values (inclusive, compassionate, courageous and dynamics)

The duties and responsibilities described are not a comprehensive list and additional tasks may be assigned from time to time that are in line with the level of the role.

Pre-engagement checks

Criminal Records

Type of criminal record checks required for this role **please delete as required, leave all 3 check headings on role profile**

England and Wales – Disclosure and Barring Service (DBS)
<ul style="list-style-type: none"> • None • Enhanced – Adult workforce • Enhanced – Child workforce • Enhanced – Child and Adult workforce
Scotland
<ul style="list-style-type: none"> • None • Protecting Vulnerable Groups (PVG) – Adult • Protecting Vulnerable Groups (PVG) – Child • Protecting Vulnerable Groups (PVG) – Adult and Child
Northern Ireland
<ul style="list-style-type: none"> • None • AccessNI – Enhanced Children • AccessNI – Enhanced Vulnerable Adults • AccessNI – Enhanced Vulnerable Adults and Children

Drivers Check - Required –No

Person Specification

Requirements	Evidence obtained through Shortlisting (S), Interview (I), Assessment (A)		
	S	I	A
Knowledge and Skills			
Essential - Strong ability to influence within the organisation - Excellent ability to communicate data and technical concepts to non-technical audiences - Strong knowledge of data modelling techniques (dimensional, relational, etc.)			

<ul style="list-style-type: none"> - Proficiency in database technologies (SQL Server, Oracle, PostgreSQL, etc.) - Knowledge of data governance principles and practices - Strong communication and stakeholder management skills - Knowledge of regulatory requirements related to data management <p>Desirable</p> <ul style="list-style-type: none"> - Knowledge of data science, data analytics and using insight to inform decision making 			
Experience	S	I	A
<p>Essential</p> <ul style="list-style-type: none"> -- Significant experience with data warehousing and business intelligence concepts - Significant experience with data integration patterns and ETL/ELT processes - Experience mentoring junior colleagues and technical staff - Experience of using a range of insight to drive performance - Experience with Agile/DevOps methodologies for data solutions - Experience with cloud data platforms (AWS, Azure, GCP) - Proven experience designing and implementing large-scale data solutions <p>Desirable</p> <ul style="list-style-type: none"> -- Excellent knowledge of how data is used in the charity sector, ideally in the humanitarian sector - Experience working in a matrix environment - Experience with data mesh and domain-driven design approaches 			
Additional requirements			
<p>Essential</p> <ul style="list-style-type: none"> - Ensures inclusive practice, challenges discrimination and promotes diversity in line with our Equality, Diversity and Inclusion (EDI) policy. - <p>Desirable</p> <ul style="list-style-type: none"> - - 			

Values in Action			
<p>Dynamic - We move forward as one team.</p> <ul style="list-style-type: none"> - Every day, we're adapting, innovating and learning. - When the unexpected happens, we are calm, quick and efficient. - We respond smartly, using clear processes and systems. <p>Compassionate - We stand for kindness.</p> <ul style="list-style-type: none"> - People come first, no matter who or where they are. - We have genuine, open-minded conversations. - Together, we're a united force for good. <p>Inclusive - We are open to all.</p> <ul style="list-style-type: none"> - We treat each other with dignity and respect. - Every person's uniqueness is valued, supported and celebrated. - Our individual backgrounds and experiences make our organisation stronger. <p>Courageous - We are bold.</p> <ul style="list-style-type: none"> - We show our strength by doing the right thing. - We aren't scared to test our creative ideas. - As humanitarians, we go the extra mile to help people in crisis 			

We guarantee an interview to disabled candidates (as defined in the 2010 Equality Act), who meet the minimum shortlisting criteria in the advertised person specification and apply under the disability confident scheme.