

Data Lakehouse and Blockchain Officer -DLBO-

Vacancy – Terms of Reference

A. Job description

JOB TITLE: Data e-Science Management Plans and Blockchain Officer -DLBO-

PURPOSE: The DLBO will assist with the co-design, implementation and deployment of Data Management Plans structures, as well as the management, operation, development and maintenance of blockchain architectures of LifeWatch ERIC, in particular the LifeBlock component of the LW ERIC Infrastructure, based on blockchain technology, assuming responsibilities for the implementation, maintenance and operation of these systems

LOCATION: LifeWatch ERIC ICT-Core premises in Andalusia (Spain)

POSITION: Full-time, 4-year period, yearly renewable

FUNDING RESOURCES: LifeWatch ERIC ICT-Core in Spain – SWP

COMPENSATION: Competitive salary, commensurate to degrees and relevant experience

B. Main responsibilities

I. S/he will work under the supervision of, and always directly report to the Chief Technology Officer and Head of the ICT-Core;

II. S/he will hold a position which requires a trans-disciplinary ICT skills accrediting proven R+D+I experience on different environments on blockchain projects, along with the management of multiple distributed data sources;

II. S/he will provide full support for the start-up, deployment, monitoring and performance assurance of LifeWatch ERIC data lakehouse and blockchain infrastructures, and in addition, s/he will support the development of fundraising and the elaboration of related project proposal activities.

C. The ideal candidate should meet the following requirements:

- A PhD and Bachelor's degree in ICT Engineering;
- Minimum 5-years' experience in the management, deployment and monitoring of blockchain architectures;
- International experience with blockchain projects;
- Accredited professional experience in innovation projects related to blockchain and data networks;
- Excellent presentation and reporting skills, fluency in written and spoken English (LifeWatch ERIC's Official language) and Spanish (ICT-Core premises hosted by Spain);
- Knowledge of other European languages will be taken into consideration;
- Advanced knowledge of operating systems (Windows, Linux, Unix); blockchain networks (Ethereum, Bsc, Quorum, etc.); blockchain programming languages and tools (Solidity, Remix, ERC-20, etc.) along with data management tools;
- Knowledge and experience in blockchain training environments, as well as the production of publications;

- Proven organisation and communicative skills, proactivity, capacity to work in teams and under tight deadlines, in international environments and in multi-language contexts;
- Willingness to travel abroad according to the specific working needs of this position;
- High-standard work ethic.

ASSETS

- IT skills: Blockchain networks and architectures, tokenisation and smart contracts software, DEFI, and data management;
- Understanding of the structure, functioning and regulation of European Research Infrastructure Consortia (ERICs), particularly regarding ICT, biodiversity and ecosystem areas.

D. The vacancy is subject to the following procedure

- A **short covering letter** and **Curriculum Vitae**¹ (EUROPASS format and annexes, 6 pages at the most) shall be submitted to the Chief Technology Officer and Director of the ICT-Core -cto@lifewatch.eu- and in cc to ictoffice@lifewatch.eu by **29 June 2022**. Please write "**Data Lakehouse and Blockchain Officer -DLBO-**" in the email subject;
- The selection process will follow the Employment Policy of LifeWatch ERIC;

¹Special note for Italian market: According to Italian Privacy Protection Law n. 196/03 any resume not mentioning explicitly the following wording: 'I authorise the use of my personal data in accordance with Italian Privacy Protection Law (30/06/2003, n. 196/03)' will be automatically deleted from our database and consequently not taken into consideration.

- S/he will be appointed full time. A competitive gross salary, based on the qualifications and experience of the candidate, will be offered. Employment will be in Spain, follow Spanish employment law and be subjected to a 180-day trial (probation) period;
- Her/his main office will be located at the LifeWatch ERIC ICT-Core premises in Seville (Spain), without prejudice of the establishment of others in the future;
- Start date in office for the appointed person: **July 2022.**

LifeWatch ERIC is an equal opportunity employer, and encourages all qualified candidates to apply, regardless of race, gender, age, national origin, or sexual orientation.