

## Full Stack Developer

Vacancy – Terms of reference

### Job description

**PURPOSE:** The FuStDev position aims to drive the development and optimisation of web applications for LifeWatch ERIC, enhancing research capabilities in biodiversity and ecosystem analysis through innovative software solutions.

**JOB TITLE:** Full Stack Developer

**LOCATION:** ICT-Core premises in Sevilla, Spain

**POSITION:** Full-Time

**FUNDING RESOURCES:** Projects: BioDT, DTO-Bioflow, ENERGYTRAN, Microbes-4-Climate, among others.

### Main responsibilities

- S/he will hold a position which requires multi-, inter- and trans-disciplinary ICT skills accrediting proven experience on different kind of networks with the need for supervision, modifications through programming and continuous monitoring;
- She/he will be instrumental in designing, developing, and deploying both front-end and back-end components of web applications, ensuring they meet the high standards of performance, quality, and responsiveness expected by LifeWatch ERIC. This role requires a collaborative approach to work closely with project managers, data scientists, and other stakeholders, effectively translating user requirements into robust software solutions. The developer will also be responsible for maintaining and

enhancing the scalability of existing applications, implementing security measures, and ensuring data protection;

- She/he will engage in troubleshooting, debugging, and upgrading software to keep applications running smoothly. Writing clean, maintainable code is a must, alongside participating in code reviews to ensure best practices. The role extends to providing technical support and creating comprehensive documentation for the developed applications. Staying updated with the latest industry trends in web development and programming languages, as well as contributing to the continuous improvement of the development process through CI/CD pipelines, are also key responsibilities.

## **The ideal candidate should meet the following requirements**

- A bachelor's degree in Computer Science, Engineering, or relevant training in the field is preferred;
- Minimum 5-year experience in programming environments in companies and sufficiently relevant environments;
- Proven experience as a Full Stack Developer or similar role;
- Proficiency in front-end languages and frameworks (e.g., HTML, CSS, JavaScript, React, Angular, Vue);
- Strong knowledge of back-end languages (e.g., Python, Java, PHP) and JavaScript frameworks (e.g., Node.js, Express);
- Experience with database technology (e.g., MySQL, MongoDB, PostgreSQL);
- Familiarity with server, network, and hosting environments;
- Understanding of API design and development;
- Good knowledge of code versioning tools, such as Git;

- Experience with continuous integration and deployment (CI/CD) pipelines;
- Good communication skills in English (Minimum B2 Level);
- Proven organisation and communicative skills, proactivity, capacity of working in teams and under tight deadlines, in international environments and in multi-language contexts;
- Be available to travel abroad occasionally according to the specific working needs of this position;
- High-standard work ethics.

## The vacancy is subject to the following procedure

- A **short covering letter** and **Curriculum Vitae<sup>1</sup> (EUROPASS format and annexes, 4 pages at the most)** shall be written in English and addressed to the **People & Culture Manager** by **5 June 2024**. Please use the form available at this link: <https://zfrmz.eu/KHxMv15EmgLXfczD6kdD>;
- The selection process will follow the Employment Policy of LifeWatch ERIC;
- Only shortlisted candidates will be re-contacted. Selected candidates may be called for an interview. Interviews will take place from **5 June 2024 to 15 June 2024**;

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<sup>1</sup>According to Spanish Privacy Protection Law n RGDP and. Ley Orgánica 3/2018, any resume not mentioning explicitly the following wording: 'I authorise the use of my personal data in accordance with Reglamento General de Protección de datos and Ley Orgánica 3/2018" will be automatically deleted from our database and consequently not taken into consideration.

- A competitive gross salary between 40.000-47.000 € based on the qualifications and experience of the candidate, will be offered. Employment will be in Spain, follow Spanish employment law and subject to a 180-day trial (probation) period;
- This position is Full-Time with open-ended contract. Her/his main office will be located at the ICT-Core premises in Seville, Spain, without prejudice to the establishment of others in the future;
- Start date in office for the **Full Stack Developer: July-September 2024.**

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