

Vacancy Announcement

Position title – Data Migration Officer / Chargé de Migration de données

Salary : Base salary at **2 200 €** net/month, commensurate according to experience
+ Benefits (salary exempt of French income tax, annual quality bonus)

Duration : One (1) year - renewable

Context:

The World Organisation for Animal Health (OIE) is the intergovernmental organisation responsible for improving animal health worldwide. The standards it develops for the trade of live animals and products of animal origin are recognized by the World Trade Organization as reference international sanitary rules (<http://www.oie.int/fr/>).

The OIE, then known as the « Office international des épizooties », was created on the 25th of January, 1924. Its headquarters are based in Paris. It comprises 182 Member Countries and is present on all continents through 12 Representations or Bureaus in total.

Since 1924, the World Organisation for Animal Health (OIE) has served the global community by ensuring transparency in the global animal disease situation. Launched in 2005, the OIE's World Animal Health Information System (WAHIS) - a web-based portal - was developed to fulfil this function. It is the unique global reference source of validated official data on animal diseases of epidemiological significance in both domestic species and wildlife received from 205 countries and territories. Relating to animal disease information, WAHIS acts as an early warning system to inform the international community of any emerging and exceptional animal diseases and the relevant epidemiological events that have occurred, and as a monitoring system for the 117 OIE-listed diseases as well as new emerging diseases and wildlife diseases.

Taking into consideration that WAHIS was created in 2005, the changing societal demands and the rapid pace of technological and digital change, through its Sixth Strategic Plan 2016-2020, the OIE's membership solicited the organisation to develop a modernised, global and analytically new versatile system (WAHIS+). Upon its launch in 2019, WAHIS+ will constitute a completely redesigned platform with the core business functionalities of the system in place as per the OIE international standards as well as a suite of improved functionalities.

One of the challenges of WAHIS+ is also to allow large data extraction and effective interconnection with OIE Partners, peer organisations and regional cores.

Positioning and reporting

Under the authority of the Head of IT Unit, under the supervision of WAHIS+ IT Project Manager and in close collaboration with the IT Unit, WAHIS+ Team and World Animal Health Information and Analysis Department (WAHIAD).

Job purpose

The Data Migration Officer participates to the improvement of the OIE's capacity to collect and disseminate global animal disease information by supporting the transition between WAHIS and WAHIS+. Within the WAHIS+ team, he/she will be in charge of putting in place data cleansing processes to ensure the correct and timely migration of data to the new system. He/She will also be in charge of implementing technical tests prior to the deployment of WAHIS+ and will support the maintenance of the software during the transition.

Missions and activities

- **Ensuring data cleansing and export from the current system**
 - Define and document mapping and treatments between the WAHIS+ and current WAHIS data Model
 - Audit current data sets
 - Correct data sets as required
 - Monitor and evaluate regularly quality of data entered in WAHIS+ from current WAHIS system
 - Implement scripts for data cleansing (ETL or scripting)
- **Participating in the follow-up on technical tests and validation for WAHIS+**
 - Contribute to the development of test cases for verification and validation of product functionality
 - Design both manual and automated test sets
 - Test and verify the deployed software, report and track software issues, and ensure delivery of quality releases to production.

- **Providing support to the WAHIS+ team**
 - Following the agreed team or project processes and procedures, participate to reporting to supervisors on status of project/release/task efforts and key issues.
 - Participate in creating/updating technical documentation (e.g. Requirements Document, Functional Design, Interaction Design, Technical Design, etc.)
 - Participate to technical meetings with Sopra/Steria
 - Contribute to the drafting of meeting reports
- **If required, providing support in the maintenance of the current WAHIS during the transition period**
 - Perform appropriate coding, code commenting, debugging, bug fixing, code testing and unit-testing, and other supplementary related activities.
 - Provide production support when required

Qualifications and Experience

Qualifications

- A graduate degree in a related IT field (Computer Science, Information Systems and engineering, etc.)
- 1-3 years experience in IT development projects
- Knowledge of MVC frameworks, test driven development and unit testing frameworks.
- Experience with system integration using webservices

Requirements

Technical skills

- Knowledge of developing web-based applications using PHP, JavaScript, HTML, CSS, Angular, React, jQuery, etc.
- Comprehensive understanding of ETL
- Deep knowledge & understanding of database design, setup, and maintenance; strong experience with SQL
- Knowledge of BI tools such as Power Bi, Tableau or Qlik
- Documenting code
- Working with testing technologies to both manually and programmatically test code
- Participate in functional design and code reviews
- Understand and follow software development life cycle
- Experience using version control tools such as Git, Subversion
- Excellent knowledge of English and French; knowledge of Spanish would be an additional asset

Additional skills

- Cloud development: Amazon Web Services is a plus
- Understanding of how GIS applications can enhance the user experience within custom applications

Interpersonal skills

- Capacity to tackle business-critical problems with custom-designed, multi-tier applications using a wide range of technologies
- Capacity to work according to Agile, Lean, and Continuous Development best practices
- Ability to take high-level requirements and compile them into development tasks
- Ability to establish and maintain good working relationships in a multinational and multicultural environment
- Capacity to learn and a self-motivated worker
- Excellent organisation skills and ability to meet specific deadlines

Working conditions

This is a sedentary post requiring long hours in a seated position.

General information

The OIE places high value on a multicultural and positive work environment. The OIE is an equal opportunity employer and welcomes applications of all qualified candidates, irrespective of their ethnic origin, gender, opinions or beliefs.

This is a full-time position as an international civil servant based at the OIE Headquarters in Paris (France) that is available **immediately**. If you are interested in the position, please complete your application online by clicking on the link below **by 31 December 2018 at noon (Paris local time) at the latest**.

Should you have any questions, please contact Human Resources at hr.dept@oie.int.

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