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| --- | --- | --- | --- |
| A blue flag with yellow stars  Description automatically generated | A logo with a flag  Description automatically generated with medium confidence | A close-up of a sign  Description automatically generated | A blue circle with text  Description automatically generated |

**CERTIFICATE OF REFERENCE** **OF PERSONNEL**

Name of the certifier of reference:

Address of the certifier of reference:

**We declare under criminal and material liability that:**

|  |  |
| --- | --- |
| Name and surname: |  |
| Contract no: |  |
| Date of completion of the reference: |  |
| Subject of the contract (specify): |  |
| **The following has been carried out/required in the context of the reference:** | |
| The implementation of "Linux administration", namely: setting up and managing Debian and Ubuntu Linux systems, setting up web (Nginx or Apache) and data servers (PostgreSQL or similar), setting up and configuring the Docker environment | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| Knowledge of programming languages Python, SQL, JavaScript, Typescript, CSS, Angular | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| Knowledge of databases PostgreSQL version 10 or higher and SQL programming language | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| Knowledge of 'Docker technology', namely the creation and management of Docker containers and the integration of Docker applications into the server environment | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| Knowledge of 'ElasticSearch technology', i.e. importing data, setting up indexes, performing data queries | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| Consulting on the development and implementation of IT solutions, in the areas of data analysis and visualisation and real-time processing of large volumes of data | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| The development of machine learning and artificial intelligence technologies | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| The development of 'data science systems' (data science is understood as a combination of mathematics, statistics, artificial intelligence and machine learning, programming and analytics), in particular in the field of social and econometric data analytics | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| 'Big Data' analysis, namely numerical data analysis and text analysis | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| Participation in an EU research project in the field of informatics or information technology | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| The development of 'data visualisation systems', namely the integration of web-based data visualisation technologies with back-end data systems | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| GIT versioning of the source code | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| REST calls to a remote server and the implementation of a "REST web service | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |
| Software in several languages (separate language files from the software code) | NO  YES  *(if YES, please specify which of the following has been carried out in the framework of the reference)* |

The reference work was carried successfully carried out (meaning in terms of quantity and quality in accordance with the contract.

Contact person of the certifier of the reference for further information:

|  |  |
| --- | --- |
| Name and surname: |  |
| Telephone: |  |
| e-mail: |  |

**NOTE:**

* The certifier of the reference is a third (legal) party, which means that this certificate cannot be certified by the joint contractor and not by the tenderer itself (or any other economic operator appearing in the tender).

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| --- | --- |
| Stamp[[1]](#footnote-1) | Name and surname of the person responsible:    Signature |

1. In the case of an electronic signature, no stamp is required. [↑](#footnote-ref-1)