



Vacancy advertisement - Technical Officer

The Consortium of European Social Science Data Archives (CESSDA) is a pan - European distributed research infrastructure (ERIC) that provides large-scale, integrated and sustainable data services to the social sciences.

CESSDA ERIC enables the research community to conduct high-quality research in the social sciences and contribute to solutions to major societal challenges and teaching and learning.

CESSDA is composed of 22 member countries. CESSDA is a landmark on the European Strategy Forum on Research Infrastructures (ESFRI) Roadmap, part of the SSHOC (Social Sciences and Humanities Open Cluster) and contributes to the build-up of the European Open Science Cloud (EOSC). The Main Office supports its Service Providers and international partners and initiates, coordinates and aligns strategic activities.

Job title	Technical Officer
Contract	Three years with the possibility of a permanent contract
Hours	Full-time (37,5 hours per week)
Responsible to	Head of IT
Job location	CESSDA ERIC Bergen, Norway
Working language	English
Information	https://www.cessda.eu/

Role

The Technical Officer assists the Head of IT in building, maintaining, and documenting the IT-infrastructure that supports the tools and services provided by the European Research Infrastructure. The officer will be responsible for ensuring the smooth operation of IT systems, resolving technical issues, and providing technical assistance to staff.

By fulfilling this role, the Technical Officer will contribute to the effective functioning of the organisation's technical capabilities and help achieve the objectives of the European Research Infrastructure. He/she will also ensure connectivity to existing standards, collaborate with stakeholders, and engage with service providers.



Responsibilities

1. Maintain the CESSDA Technical Guidelines:

- Regularly review and update the technical guidelines to ensure they are aligned with the current state of the infrastructure.
- Stay informed about technological advancements and best practices to incorporate them into the guidelines.

2. Cloud-based Infrastructure Provision and Management:

- Manage and maintain the cloud-based infrastructure, specifically using Kubernetes on Google Cloud Platform or alternatives.
- Monitor and enhance the security of the infrastructure to ensure the confidentiality, integrity, and availability of services.

3. Cost Optimisation:

- Identify opportunities to reduce monthly costs by eliminating redundant deployments and optimising service deployments.
- Manage the storage of logs, files, images, and other items with limited retention periods.

4. Continuous Integration, Testing, and Delivery Environment:

- Configure and manage the Continuous Integration, Testing, and Delivery Environment.
- Maintain automated pipelines for efficient and reliable software delivery.
- Review and improve existing pipelines to enhance performance and effectiveness.

5. Work and engage with CESSDA Service Providers and external stakeholders:

- Participate in internal and external projects.

6. Contribution to Internal IT Processes and Services:

- Contribute to CESSDA's internal IT processes and services, actively seeking opportunities for improvement.
- Support the Main Office's IT needs and equipment, providing technical assistance and troubleshooting as required.
- Make suggestions and recommendations to enhance internal IT processes, services, and support for the Main Office.
- Collaborate in devising and documenting a repeatable methodology for make-buy decision-making, ensuring optimal resource allocation and technology adoption.



Qualifications and Experiences

- Academic degree in Computer Sciences, Information Technology, or a related field (Bachelor's degree or equivalent work experience).
- Relevant professional experience of at least 2 years in an IT support role, with experience in technical troubleshooting, problem-solving, and IT service management.
- Experience in coordinating and collaborating with a group of colleagues, external partners or projects.
- Fluency in written and spoken English.
- Able and willing to travel when required.

Asset

- Work with AI tools.
- Familiarity with EC projects.
- Exposure to an international context.
- Experience in Linux Systems Administration and troubleshooting and systems performance monitoring.
- Experience with IT infrastructure design and architecture, contributing to high-level IT strategy and decision-making.
- Exposure to Cloud Technologies (AWS, Azure, Google Cloud Platform, or similar)
- Java and Spring Framework experience.
- Docker and Kubernetes experience.

Key Competencies

- Ability to handle multiple tasks, prioritise work, and meet deadlines.
- Strategic thinking, critical and analytical skills.
- Proactive and result-oriented, adaptable, and a team player.

What we offer

- Opportunity to make one's mark and shape the operational and technological agenda of an international research supporting infrastructure.
- Salary in line with similar roles in the public sector; final salary dependent upon the experience of the successful candidate.
- Health insurance.
- Private pension scheme.
- The central location of the Office regarding the Bergen city centre and airport.



Application Process

- To apply, please send **a letter of motivation with the names of two referees or reference letters and a CV in English in a single PDF** to cessda@cessda.eu.
- **The vacancy is open until filled.**
 - Short-listed candidates will be first interviewed virtually. Successful candidates will be invited to Bergen, Norway.

For general information, please contact:

- Nina Bakanova, Executive Assistant, nina.bakanova@cessda.eu,
phone: +47 401 00 964.

For information on the post and requirements, please contact:

- Bonnie Wolff-Boenisch, Director of CESSDA ERIC, bonnie.wolff-boenisch@cessda.eu;
Alen Vodopijevic, Head of CESSDA ERIC, alen.vodopijevic@cessda.eu

Diversity & Inclusion

At CESSDA ERIC, we are committed to cultivating and preserving a culture of inclusion and connectedness. We value diversity - in backgrounds and experiences. This is reflected in our largely diverse and inclusive community of partners and employees. In recruiting for our team, we welcome the unique contributions that you can bring in terms of education, culture, ethnicity, gender identity and expression, nation of origin, age, colour, religion, disability, sexual orientation and beliefs.