

## VACANCY ADVERTISEMENT

The Consortium of European Social Science Data Archives ([CESSDA](#)) is a pan-European distributed research infrastructure that provides large scale, integrated and sustainable data services to the social sciences. CESSDA has evolved from a network of European data service providers into a legal entity and large-scale infrastructure under the auspices of the European Strategy Forum on Research Infrastructures (ESFRI) Roadmap in June 2013. Since then, CESSDA has been organised as a limited company under Norwegian law. CESSDA is working to define and extend the frontiers in this rapidly expanding field. The Main Office is located in Bergen, Norway, and coordinates the cooperation between Data Service Providers from the European countries which currently participate, and any which join in the future.

CESSDA is now seeking to recruit a

### Technical Officer (DevOps), CESSDA AS

#### Job description:

<b>Job title</b>	Technical Officer
<b>Contract</b>	Permanent
<b>Hours</b>	37,5 hours per week
<b>Salary</b>	NOK 450,000 to NOK 550,000 per annum
<b>Responsible to</b>	Chief Technical Officer of CESSDA
<b>Report on a day to day basis to</b>	Chief Technical Officer of CESSDA
<b>Purpose of the job</b>	To provide a highly productive development, test and production environment as well as maintaining, supporting and documenting the infrastructure for CESSDA

#### Principal duties or key objectives

- Build, maintain, support and document the infrastructure that supports our applications
- Cloud-based infrastructure provision and management (Google Cloud platform)
- Configure and manage Continuous Integration (CI) and Delivery environment

- Perform continuous testing (executing automated testing) – Using CESSDA Technical Framework
- Assess and measure software maturity based on the CESSDA's Software Maturity Level matrix

## Experience/knowledge

### Essential:

- Minimum of 2 years of experience in a DevOps or Technical Support role
- BS Degree in Information Technology, Computer Science, Engineering, or equivalent experience
- Experience in Linux Systems Administration and troubleshooting
- Experience with Cloud Technologies (AWS, Azure, Google Cloud platform, or similar)
- Management of Continuous Integration (CI) servers like Jenkins
- Experience with code development
- Technical testing experience, preferably including Automation with the ability to create test automation frameworks using open source technologies


### Desirable:

- MSc Degree in Information Technology, Computer Science, or Engineering
- Analyze application characteristics and behavior, to optimize performance of operational systems
- Proven Software Development work experience using modern languages (Java, Python, C#, C++ JavaScript experience preferred)
- Experience with the full SDLC and shipping software using Agile
- Design, develop, debug and modifies components of software applications and tools
- Good understanding of relational databases such as MS SQL Server or MySQL
- Experience with configuration management
- Understanding of ITIL “best practices”
- Understanding Microservices
- An understanding of security fundamentals
- Working knowledge and experience of networking
- Experience working with containers (Docker)
- Windows and/or Linux certifications
- Experience with the performance tuning and tools to support it
- Experience in data analysis i.e. descriptive statistics

## Skills/abilities

### Essential:

- Strong communication skills
- Effective interpersonal skills with the ability to build strong working relationships
- Excellent time-management skills
- A pro-active approach to work
- Able to travel when required

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- Ability to produce written reports and documentation for a variety of audiences
  - Fluent written and spoken English

#### Desirable:

- Strong troubleshooting, analytical and problem solving skills with a high attention to detail
- An ability to learn new technologies
- Flexible approach to working, including on-call responsibilities
- Self-motivated with the ability to plan contingencies and think strategically
- Good critical and analysis skills
- Ability to communicate with social science researchers

#### Practical information

- The Technical Officer will be based at the main office in Bergen (<http://www.visitbergen.com/en/>)
- CESSDA's working language is English
- Salary to be negotiated within the range dependent on qualification and experience
- Social security/benefits according to Norwegian regulations

#### Application process

To submit an application, please send an application letter that describes your qualifications, experience, and specific outlook for the post. All applications should be provided **only in English**. Applications presented in Norwegian will not be considered. Please send this, two formal letters of reference, a CV including a list of recent relevant information and other relevant materials in a single PDF to [cessda@cessda.net](mailto:cessda@cessda.net).

The closing date for applications is **31 March 2017**.

Short-listed candidates should be prepared to participate in an interview in Bergen, Norway. If not possible, the interview will be held online. Expected start: as soon as possible.

#### For further information

Administrative Secretary, Nina Bakanova, email: [nina.bakanova@cessda.net](mailto:nina.bakanova@cessda.net), phone: +47 55 58 36 48.