

## Job advertisement No. 62/2021

As the German National Library of Science and Technology our future-oriented services ensure the infrastructural requirements for a high-quality supply of information and literature for research in science and industry. Our services as a university library secure the local supply for the Leibniz University Hannover.

The [Technische Informationsbibliothek \(TIB\)](#) – Leibniz Information Centre for Science and Technology – Program Area C, Research and Development, is looking to employ a

### DevOps Engineer at the Open Science Lab (m/f/d)

at the earliest possible opportunity.

The position is initially limited to three years and will be occupied subject to the allocation of funds in the NFDI4Culture project. The regular weekly working time is 39.80 hours (full-time). The position is generally suitable for part-time work.

Depending on qualifications (Bachelor's/FH diploma or Master's/University diploma), the remuneration is based on [pay scale group 12 or 13 TV-L](#).

#### Your tasks

The Open Science Lab ([OSL](#)) of the TIB is concerned with the development towards digital, open and collaborative science and supports scientific and cultural institutions by developing and testing new methods and software tools together with their communities. We are looking for a communicative and entrepreneurial person with a strong technical background to expand the activities of the OSL in the federal and state-funded initiative to build a national research data infrastructure for material and immaterial cultural heritage assets ([NFDI4Culture](#)).

The main focus of your work will be the deployment, operation and maintenance of open source knowledge management software like Mediawiki, Wikibase and OpenRefine as part of the NFDI4Culture partnership within OSL. NFDI4Culture is the cultural branch of the much larger Nationale Forschungsdateninfrastruktur (National Infrastructure for Research Data, [NFDI](#)) consortium, working towards a shared infrastructure for research data in Germany. Within 4Culture, we work with many partners whose data needs span complex 3D models, A/V files, entire digitised cultural heritage corpora and more. These partners will use services like Wikibase as repository infrastructure and may require various extensions and customizations in their individual repositories. At the same time your work within TIB will potentially extend beyond 4Culture to meet the needs of other NFDI partners spanning the fields of Chemistry, Engineering and more.

#### Your tasks will focus on

- Deployment, administration and maintenance of software in the area of Mediawiki, Wikibase and OpenRefine
- Support of NFDI partner institutions in Wikibase activities
- Contributing to testing, bug reporting, updating and documentation of open source projects (e. g. Wikibase and others) in the context of NFDI
- Contributing to the facilitation of technical meetings and workshops delivered within relevant committees of the Nationale Forschungsdateninfrastruktur

#### Your qualities

- Completed university degree (Bachelor/FH diploma or Master/University diploma or equivalent) in a relevant field of study such as Digital Humanities, Computer Science, Business Informatics, Mathematics or

comparable

- Proven track record in DevOps and/or system administration
- Experience working in an agile software development environment, particularly with web-based applications (Java, Python, JavaScript, PHP)
- Knowledge of version management based on Git
- High degree of self-organisation and independent working skills
- Very good written and spoken English skills
- Very good communication skills
- Ability to work in a team
- Good project management skills
- Willingness to learn new technologies and languages
- Practical experience in the development and use of web services

#### Desirable additions to your profile

- Experience with Kubernetes cluster orchestration
- Experience with Docker containerization
- Experience with Wikimedia software environments and related open source projects
- Knowledge of Linked Data technologies (SPARQL, RDF)
- Interest in working in a research and library environment

#### What we offer

In [TIB's Research and Development Department](#) you have the opportunity to further your scientific development in a dynamic and excellent research environment. We provide a scientifically and intellectually inspiring environment with an entrepreneurial mindset embedded in a [leading technical university](#) and one of the largest technical information centres being part of the [Leibniz Association](#).

Last but not least, we attach great importance to an open and creative working atmosphere in which it is fun to work.

#### Furthermore, we offer

- Funding for necessary equipment, conference and research visit travel
- Work in the context of a national open source project
- A portfolio of technology components to build on, including [ORKG](#), [OpenResearch.org](#), [TIB AV-Portal](#), [DBpedia.org](#) and other
- A modern workplace in a central location of Hanover with a collegial, attractive and versatile working environment
- Flexible working hours (flexitime) as well as [offers for reconciling work and family life](#) such as mobile work and remote work options
- An employer with a wide range of internal and external further education and training measures, workplace health promotion and a supplementary pension scheme for the public sector ([VBL](#))
- Discount for employees in the canteens of the [Studentenwerk Hannover](#) as well as the possibility to use the various offers of the [University Sports Hannover](#)
- A job in the public service with a salary in [pay scale group 12 or 13 TV-L](#) according to the provisions of the collective agreement for the public service in Germany (TV-L), including a special annual payment and 30 days of vacation per year

If you are interested, questions regarding the position can be addressed to Prof. Dr. Ina Blümel (Open Science Lab) by mail at [Ina.Bluemel@tib.eu](mailto:Ina.Bluemel@tib.eu).

### How to apply

We look forward to receiving your application. To submit your application, please click [here](#).

Paper applications are also possible on an equal basis. In this case, please send your complete application documents with the subject **62/2021** before **September 22, 2021** addressed to

Technische Informationsbibliothek (TIB)  
Personalservice  
Herrn Daniel Eilers  
Welfengarten 1 B  
30167 Hannover  
Germany

or alternatively as a single PDF document file to [Bewerbung@tib.eu](mailto:Bewerbung@tib.eu). For applications in digital form, please send a PDF file with a maximum size of 10 MB.

### Who we are

TIB, being part of the Leibniz Research Association, is with around 550 employees one of the largest technical information centres in Germany, having three main functions:

1. Acting in the capacity of the Leibniz Information Centre for Science and Technology, our forward-looking services secure the infrastructural requirements for providing researchers in science and industry with high-quality information and literature.
2. Carrying out cutting edge research to further expand TIB's role as a German information centre for the digitisation of science and technology.
3. Offer library services for the Leibniz University Hannover.

TIB is an equal opportunity employer, providing ideal working conditions and continuously taking action to enable its employees to combine career interests with family life.

Severely disabled candidates with comparable qualifications will be given preferential treatment. We welcome applications from all nationalities.

Please note that your application documents will not be returned and application and travel costs cannot be reimbursed.

Please indicate in the subject line of your application through which job board you became aware of our offer.

For more information about the TIB, please visit: [www.tib.eu/en/](http://www.tib.eu/en/)