

Technische Informationsbibliothek (TIB) - German National Library of Science and Technology



TIB, being part of the Leibniz Research Association, is with around 600 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.

Dev/MLOps Engineer (m/f/d)

Program Area D, Open Research Knowledge Graph

City: Hanover; Starting date (earliest): 01/09/26; Remuneration: 59.000€ - 84.000€;

Reference number: 30/2026; Closing date: 05/08/26

Tasks

Your role

We are seeking a DevOps/MLOps Engineer interested in building, optimizing and operating cloud-native infrastructure for general-purpose AI assistants at scale within the European Open Science Cloud (EOSC) ecosystem. The successful candidate will have a strong background in software delivery, cloud-native platforms, containerization, orchestration and automation, as well as practical experience with operating reliable infrastructure for AI- and data-intensive workloads.

The role focuses on supporting the cloud-native migration, building and maintaining software delivery and observability platforms and ensuring scalable, secure and reliable deployment environments. It includes virtualization, containerization, orchestration, CI/CD, deployment automation, monitoring and observability, secure access management, compute/storage/network setup and migration readiness towards EGI- and EOSC-aligned environments.

Your tasks include

- Designing and developing containerized architectures optimized for EOSC cloud environments
- Building and operating high-performance compute environments to ensure reliable, low-latency operation of general-purpose AI assistants
- Developing automated software delivery lifecycles and CI/CD pipelines for frequent and reliable deployments across distributed ecosystems
- Implementing monitoring, logging and alerting frameworks to ensure the health, performance and security of services within the EOSC ecosystem
- Configuring and maintaining secure access controls and AAI integrations,

including federated authentication and authorization mechanisms

Requirements

- Completed scientific university degree (Master's degree or equivalent) in computer science, software engineering, artificial intelligence, data science or a related field
- Strong knowledge of Linux fundamentals and system administration
- Good knowledge of cloud-native technologies, in particular Docker and Kubernetes
- Experience with Infrastructure as Code (IaC) and automation tools, such as Terraform or Ansible
- Experience building, maintaining and automating CI/CD pipelines
- Good knowledge of Git and GitHub/GitLab-based development workflows
- Very good written and spoken English skills

Desirable additions to your profile

- Good programming skills in Python and/or Go
- Knowledge of OIDC/OAuth2 at the infrastructure level
- Experience with monitoring and alerting systems, such as OpenTelemetry or Grafana
- Experience managing or orchestrating resource-intensive AI workloads
- Experience with EGI, OpenStack or the EOSC ecosystem
- German language skills are an advantage, but are not required

What we offer

Our mission is to keep rethinking and innovating the provision and use of research data and information. In TIB's Research and Development Department you have the opportunity to advance your career in a sizable, dynamic and excellent 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 centers being part of the Leibniz Association. TIB collaborates closely with the L3S Research Center at Leibniz University Hannover, one of the world's leading research institutes in the field of Web & Data Science, within the Leibniz Joint Lab Data Science & Open Knowledge. Last but not least, we attach great importance to an open, creative and fun work atmosphere.

Furthermore, we offer

- A job in the public service oriented towards the common good on the basis of the collective agreement for the public service of the German states (TV-L) with a salary in pay scale group 13 TV-L
- A flexible workplace in terms of time and space with offers to reconcile work and family life, such as mobile and remote work options as well as flexible working time models (flexitime)
- A special annual payment at the end of the year and 30 days of vacation per year with a five-day working week as well as additional days off on Christmas Eve (December 24th) and New Year's Eve (December 31st)

- A modern workplace in a central location of Hannover with a collegial, attractive and versatile working environment
- 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)
- Employee discount in the canteens of the Studentenwerk Hannover as well as the possibility to use the various offers of the University Sports Hannover at a discount
- Independent and future-oriented activities that offer variety and room for personal development
- Funding for necessary equipment, conference and research visit travel
- Work in the context of a national, European or international research and innovation project
- A portfolio of technology components to build on, including ORKG, OpenResearch.org, TIB AV-Portal, DBpedia.org and other

Application

If you are interested, questions regarding the position can be addressed to Prof. Dr. Sahar Vahdati, head of the Artificial Intelligence for Scholarly Communication Research, by mail at Sahar.Vahdati@tib.eu.

We look forward to receiving your application. To submit your application, please use our online application form at <https://tib.eu/bewerbungsformular-30-2026eng>.

Paper applications are also possible on an equal basis. In this case, please send your complete application documents with the subject 30/2026 before August 05, 2026 addressed to

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

or alternatively as a single PDF document file to bewerbung@tib.eu. For applications in digital form, please send a PDF file with a maximum size of 10 MB.

We invite you to include an indication of your annual salary expectations with your application.

In the case of foreign university degrees, it is mandatory to submit a Statement of Comparability from the Central Office for Foreign Education (ZAB) for the final assessment of the hiring requirements during the hiring process. A fee will be charged for this. This obligation does not apply if the foreign university degree has already been assessed by an expert and is listed in the ANABIN database of the ZAB as an equivalent university degree.

Who we are

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. It wants to promote equal career opportunities for women and men in particular and therefore urges qualified women to apply.

Severely disabled candidates and those with equivalent status will be given preferential consideration in the event of equal suitability. If you wish your rights as a person with a severe disability or as a person deemed equivalent to a person with a severe disability to be taken into account during the selection process, please inform us of this voluntarily at an appropriate place in your application (e.g. in the cover letter or CV, or at another clearly highlighted point) and enclose appropriate proof (e.g. a copy of the disability certificate).

Equal opportunity is one of our core organizational values. We therefore welcome applications regardless of nationality, ethnic and social origin, gender identity, gender expression and/or gender characteristics, religion and worldview, age, sexual orientation and identity.

Please indicate in the subject of your application which job exchange brought our offer to your attention.

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

For more information about the TIB, please visit: www.tib.eu/en/

More information at <https://stellenticket.de/205841/TUB/>
Offer visible until 05/08/26

