

Job Advertisement

Web Developer (m/f/d)

Salary group E 13 TV-L

ZB MED – Information Centre for Life Sciences (www.zbmed.de) is looking for a **Web Developer, pay grade 13 TV-L** in the Open Access - Research Data Management - Digital Preservation unit. The position is offered on a full-time, fixed term basis for a period of four years. It is also suitable for part-time employment, as long as it is fully covered by it.

As an information infrastructure in Germany and Europe, ZB MED is the central partner for the life sciences: from medicine and biodiversity to environmental protection. The Institute emerged from a library. Based on the literature holdings and accesses, databases and research data, ZB MED supports researchers in obtaining new information and findings - both locally in Cologne and Bonn and nationwide. ZB MED offers digital value-added services via the semantic-based search portal LIVIVO and the Open Access publication portal PUBLISSO. Another key activity is the teaching of information and data competence. ZB MED conducts its own application-oriented research with data science methods in the life sciences and pursues the goal of gaining new insights and developing offers for life science research. The researchers at ZB MED aggregate, use and combine heterogeneous data, information and literature, thereby enabling new research approaches. The focus is on semantic-based methods, automated processes, text and data mining. One of the central priorities of ZB MED is the promotion of Open Science with all its facets, such as FAIR and Open Data, Open Access and Open Source. The Information Centre is a foundation under public law.

The program area "Open Access - Digital Long-Term Archiving - Research Data Management" develops and operates open access, long-term digital preservation and research data management services. These include PUBLISSO and German Medical Science, both open access portals for the publication of online journals, congresses, research reports and books in the field of medicine or life sciences, which are addressed to all who work on and with scientific publications.

For our team we are seeking an experienced web developer with a strong background in programming web platforms who will help expanding our publication platform PUBLISSO.



Your future area of responsibility:

- ▶ Programming extensions of the platform e.g. for importing and exporting data, improved search functions, interaction with systems for digital preservation and user analysis
- ▶ Improving the front-ends
- ▶ Supporting the development, operation and maintenance of the platform using DevOps methodologies
- ▶ Importing and exporting of large data packages

Your professional qualification and your personal competences:

- ▶ Master or PhD in computer science or similar qualification with in-depth knowledge of web development (ideally Drupal)
- ▶ Solid programming skills (in PHP and/or scripting languages like Python) as well as knowledge of HTML and XML
- ▶ Knowledge of cloud computing using virtual machines and containerization with Docker
- ▶ Solid Unix skills
- ▶ Sovereign handling of software development tools such as versioning systems
- ▶ Experience with Continuous Integration and Continuous Delivery
- ▶ Good German and English skills

Furthermore, ideally you

- ▶ have knowledge of Ansible
- ▶ have knowledge of the development of Responsive Web Design
- ▶ have excellent analytical skills, independent and well-structured working
- ▶ have very good communication skills
- ▶ are reliable and enjoy work in an interdisciplinary team
- ▶ Enjoy learning new technologies

We offer:

- ▶ A varied and multifaceted working environment
- ▶ Extensive training and development programmes plus opportunities for personal development
- ▶ Good conditions for fostering a positive work-life balance (e.g. highly flexible worktime models)
- ▶ Remuneration up to TV-L public-sector pay grade 13 including attractive public-sector social security benefits
- ▶ Supplementary pension scheme
- ▶ Modern workplaces



- Sports and health services
- Jobticket subscription for the entire VRS public transport system

ZB MED's employment policy is designed to promote a wide diversity of backgrounds and skill sets. In cases where two or more applicants are ranked equally, and one has a disability, preference shall be given to the applicant with a disability. Applications from women are expressly encouraged. In accordance with North Rhine Westphalia's legislation on equal opportunities, the female candidate will be preferred in the case of equal qualification, suitability and aptitude for the position and in the absence of any other outweighing factors. Equal opportunities are an integral part of ZB MED's organisational and HR development policies. ZB MED has received the TOTAL E-QUALITY award on multiple occasions in recognition of its efforts to promote gender equality.

Questions regarding the position can be sent to Dr. Ursula Arning (Arning@zbmed.de, Tel. 0221 / 478 5603) and Prof. Dr. Konrad Förstner (foerstner@zbmed.de, Tel. 0221 / 478-78909).

Please ensure we receive your application no later than 22 September, 2019, including all relevant accompanying documents (CV, copies of certificates; max. 20 pages in one file). We prefer to receive applications electronically at the email address verwaltung@zbmed.de

Director

ZB MED – Information Centre for Life Sciences

Zeichen: Mak 15/19

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