



We are leading experts in preserving ancient as well as modern knowledge and in helping to create new scientific findings. Sharing knowledge has been our purpose for centuries. Would you like to join our highly motivated team in a truly purpose-driven context and in a place where you can really make a difference?

The Saxon State and University Library (SLUB) is the state library of the Federal State of Saxony and the library of the Technische Universität Dresden. It is a nationwide recognized innovation centre for digital information infrastructures and a lively social place for academic exchange. With about 350 employees and 50 IT team members alone, it is one of the largest scientific libraries in Germany and Europe. It is committed to the openness concept, i.e. we mainly use and exclusively develop open source software.

To support our team, we are looking for a

**Full Stack Developer and Open Source Enthusiast
reference number SLUB-2022-32**

with a contract duration of 24 months **commencing as soon as possible** (40 hours a week or less). The successful candidate will be paid according to TV-L E13 (for more information see [here](#)).

As our new Open Source Enthusiast, you will become part of a dedicated interdisciplinary team of art scholars, musicologists and computer scientists that is developing the event database [musiconn.performance](#). Here one can find information on concerts and musical performances. This tool, which runs on the content management system TYPO3, is to be converted to a community-oriented open source software, which may be chosen freely in consultation with the team. The resulting software should have the potential to be developed further prospectively for different purposes such as exhibitions and theatre performances.

Responsibilities

- Quickly familiar yourself with the domains of music events, exhibitions, theater performances and culinary arts
- Design and realize an event-oriented database, develop a concept for subsequent use
- Implement your concept, if necessary re-engineer [musiconn.performance](#) and release as an Open Source Software including documentation and tests
- Convert to an open source community development based on GitHub or GitLab
- Participate in deployment of [musiconn.performance](#) and [arthistoricum](#) (e.g. migration to generic components)
- Communicate with the music and arts department in order to identify and meet their demands
- Project communication and documentation

Requirements

- MSc in Computer Science, a related degree or equivalent work experience
- Experience in object-oriented programming languages such as Python
- Basic knowledge in frontend technologies (Javascript, HTML5, CSS)
- Experience with modern extension development for TYPO3 with Extbase / Fluid
- Experience in software development with GitHub or GitLab
- Familiarity with search engine technologies (Solr, Elasticsearch) and databases would be considered a plus
- Analytical mindset, conceptual skills, ability to resolve issues in a creative and independent way, highly-motivated
- Proven communicator
- Excellent English-speaking skills
- Basic German skills would be considered an advantage

Benefits

- Remote work and flexible working hours
- Multiple opportunities for cooperation and success in a highly motivated team
- Diverse tasks in a modern, top quality library

- Individual solutions for a good work-life-balance in a certified family-friendly workplace
- Opportunities for continuing education and personal development
- Job ticket (for the local public transport)
- Located on the university campus, not far from the central train station

Further information on this open position can be obtained from Kathrin Huber, 0351/4677-242, E-Mail Kathrin.Huber@slub-dresden.de. You can find more information on our IT team online [here](#). Please either apply [online](#) by **July 7th 2022** or send your application and accompanying documents to bewerbung@slub-dresden.de. Please include the reference number SLUB-2022-32 in your email. To help balance out the proportion of female to male employees at the library, equally qualified female candidates will be given preference. Applicants with disabilities who are equally qualified will also be preferentially considered. Please note that by submitting your application, you grant us permission to save and process your personal data until the end of the recruiting process.