



Cloud & Blockchain Architect (f/m/div)

The Max Planck Digital Library (MPDL) is a central service unit of the **Max Planck Society** and currently supports scientists at 86 institutes and research centres in Germany and abroad. The Digital Labs department of the MPDL experiments with pioneering technologies and establishes innovative services for basic research in the natural sciences and humanities. For the Digital Labs department we are looking for a Cloud & Blockchain Architect (f/m/div) for the structural and technical support of our research data infrastructure. Additionally we offer you deep insight into our blockchain infrastructure of the international scientific blockchain bloxberg (<https://bloxberg.org/>). Learn from our experienced team and strengthen your knowledge with professional training to become a blockchain infrastructure specialist.

Your tasks

- Continuous development of new, up-to-date server infrastructures
- Enhancement of our existing infrastructure, especially under aspects of: high availability, load balancing, performance, integrity and security
- Close conceptual and operational cooperation with the Max-Planck data centre
- CI/CD implementation and maintenance
- Maintenance and monitoring of our systems

Your profile

- Completed studies in information technology or a comparable qualification
- Several years of experience in server infrastructures (e.g. Linux, nginx, Apache webserver, Python django, MySQL, MariaDB, Elasticsearch)
- Blockchain enthusiast, no previous knowledge required
- Experience in the administration of VM-based cluster infrastructures (KVM, VM-Ware, Puppet, HAProxy), ideally in a scientific environment
- Solid knowledge in designing, testing and operating backup and recovery procedures
- Good written and spoken German and English skills
- Responsible and precise
- Enthusiasm for solving tasks and the ability to communicate ideas as part of a team

Our offer

With the MPDL, you will have the opportunity to work on these topics in an excellent working environment as well as in an international and highly motivated team. The Digital Labs department is characterized by a self-reliant, agile and team-oriented work style, in which each employee can develop individually. This job offering gives you the opportunity to get educated as a blockchain architect.

The position is available immediately and is limited to 3 years. Employment, compensation and benefits are based on the collective bargaining agreement for the public service (TVöD-Bund), depending on qualifications.

At our institution, we attach great importance to the compatibility of work and family and support our employees, for example, by offering family-friendly working hours and other opportunities. The Max Planck Society aims to increase the proportion of women in areas where they are underrepresented. Women are therefore expressly encouraged to apply. The Max Planck Society has set itself the goal of employing more severely disabled people. Applications from severely disabled persons are expressly encouraged.

Got Your interest? Then send us your application with the usual documents, preferably by email in a single PDF file (incl. cover letter), quoting the reference number 20-21 to: hr@mpdl.mpg.de.