



You are looking for an employer you can count on? Join us!

OpenStack Cloud System Specialist (f/m/d)

As an OpenStack Cloud System Specialist, you will be responsible for managing, maintaining, and optimizing an OpenStack cloud infrastructure dedicated to medical research.

Your expertise will be pivotal in ensuring its security, reliability, and scalability. You will contribute strategically to the system architecture ensuring the system aligns with security and medical research goals of the DigiMed Bayern Project.

Your Role and Responsibilities:

- Administer and manage an OpenStack cloud infrastructure, including deployment, configuration and maintenance.
- Monitor system performance, troubleshoot issues, and ensure high availability and reliability of the cloud environment.
- Automate routine tasks using scripting languages, with an emphasis on ansible.
- Implement and maintain security best practices to protect the cloud infrastructure and data.
- Cooperate with third-party project partners to enhance workflow efficiency and data migration, integration, and management.
- Carry out research on state-of-the-art technologies

Qualifications:

- University degree (master or above) in computer science, mathematics or natural sciences, preferably with background in IT and cloud computing technologies.
- Proven experience in system administration, with a focus on cloud environments.
- In-depth knowledge of virtualization and containerization technologies.
- Familiar with at least one programming/scripting language, e.g. Python, Golang.
- Fluent in English (C1 level).
- German speaking is a plus.

Preferred Qualifications:

- Knowledge of different cloud technologies/platforms, e.g. VMware, Kubernetes, Azure etc.
- Knowledge of storage management systems, e.g. ceph, Lustre.
- Knowledge of monitoring tools, e.g. Checkmk.
- Knowledge of regulation and compliance framework, e.g. NIS2, C5 etc

Area	Research
Working time	full time (40 hrs) flexible working model with electronic time recording
Term of the contract	Until 30.11.2027, a further employment is intended
Remuneration	up to E13, see Entgelttabelle TV-L
Annual leave / compensatory time off	30 days (24.12. + 31.12. additionally day off) Overtime is compensated by additional time off
Further trainings	Individual support for in-service training and further education
Mobile work	up to 60% of work time, when applicable
Benefits	e.g. bus and subway (U6) on the doorstep, free parking, pension plan of the Versorgungsanstalt des Bundes und der Länder (VBL), state-of-the-art work equipment

What can you find with us?

Are you looking for a multifaceted and intellectually stimulating position in a dynamic, cooperative and innovative work environment? Then LRZ is the place to be for you! Here at LRZ a collegial, appreciative work environment meets an international crowd of experts who work together to advance IT services for ground-breaking research. We offer flexible work schemes for an optimal work-life balance. Our staff values their creative leeway. As an institute of the Bavarian Academy of Science and Humanities we offer all the benefits of public service. And of course, no wishes remain unfulfilled at the LRZ in terms of technical equipment. We share experiences, constantly review and improve our processes, and are proud that our service-quality and data-security are regularly certified and rated highly.

We actively promote diversity and welcome applications from talented individuals, regardless of cultural background, nationality, ethnicity, gender and sexual identity, physical abilities, religion and age. We give priority to applications from people with disabilities who are equally qualified (SGB IX).



The LRZ in a nutshell:

Since 1962, Bavarian universities and research institutions have relied on the IT expertise of the Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities. When it comes to the digital transformation of science, we are traditionally ahead of the game.

We are looking forward to receiving your complete application documents (including cover letter, CV and certificates) in a PDF file (other file types are not accepted) by latest **03.03.2025**.

Homepage: <https://www.lrz.de/wir/stellenanzeigen/it/>

Subject: **DigiMed (2025/07)**

Are you unsure whether the job suits you or you suit us? Or do you still have questions about this position? Our colleagues will be happy to answer all your questions.

This job does not fit? Then take a look at <https://www.lrz.de/wir/stellen/> or send us an unsolicited application!

[Here](#) you will find information about the collection of personal data during the application process.