The German Cancer Research Center is seeking for the recently launched infrastructure initiative German Human Genome-Phenome Archive a

System Administrator / Cloud Specialist

(Ref.-No. 2021-0036)

The German Human Genome-Phenome Archive (GHGA, www.ghga.de) is part of the national program for research data infrastructures (NFDI). GHGA will act as a national node within the federated European Genome-phenome Archive. This infrastructure will support genomics data hubs with software tools for secure data/metadata storage, interactive data portals with data visualization, and streamlined data deposition and acquisition solutions. The GHGA main office, which is coordinated by Prof. Oliver Stegle, is located at DKFZ in close coordination with the European Molecular Biology Laboratory (EMBL).

In order to develop the GHGA software platform into a state-of-the-art infrastructure for the secure exchange of genome data, we are looking for a system administrator / cloud specialist.

Job description:

We are looking for a team member with substantial experience and/or interest in developing, deploying, and maintaining the cloud platforms for GHGA infrastructure. The successful candidate will be part of an interdisciplinary research, development, and data management team to develop and apply a diverse range of state-of-the-art technologies.

Your responsibilities:

- Development of cloud infrastructure concepts and monitoring strategies
- Developing, deploying, monitoring, and maintaining cloud services (such as DevOps services)
- Creating easily deployable virtual infrastructures that can be shared with other host institutions
- Implementing system security measures and performing penetration testing
- Supporting software developers and users to deploy software and analyze data in a cloud

Your profile:

- Bachelor's or master's degree in computer science or similar technical background
- Experience in systems administration/cloud computing
- Previous experience in OpenStack and Kubernetes
- Proficiency in UNIX-based systems and relevant programming languages such as Python
The DKFZ is committed to increase the proportion of women in all areas and positions in which women are underrepresented. Qualified female applicants are therefore particularly encouraged to apply.

Among candidates of equal aptitude and qualifications, a person with disabilities will be given preference.

To apply for a position please use our online application portal (https://www.dkfz.de/de/stellenangebote/index.php).

We ask for your understanding that we cannot return application documents that are sent to us by post (Deutsches Krebsforschungszentrum, Personalabteilung, Im Neuenheimer Feld 280, 69120 Heidelberg) and that we do not accept applications submitted via email. We apologize for any inconvenience this may cause.

- Interest in setting up and using DevOps pipelines
- Previous experience of infrastructure in a life science and genomics context is beneficial

The ideal applicant should have demonstrated the ability to work independently and creatively. The candidate should have excellent communications skills and be able to articulate clearly the technical needs, set clear goals and work within an interdisciplinary setting, communicating with other partners.

**Contract period:**

The position is initially limited to 2 years with the possibility of prolongation.

The position can in principle be part-time.

**Contact:**

Dr. Koray Kirli, phone +49 (0)6221/42-3466

Please note that we do not accept applications submitted via email.

**Application deadline:**

09.03.2021