

CBmed is a center for biomarker research in medicine with headquarters in Graz. It links excellent research infrastructure, scientific expertise, medical knowledge, national and international industry partners for systematic medical biomarker research.

To strengthen our team in Graz, we are seeking to recruit an ambitious, committed

DevOps and Data Engineer (f/m/d)

Your tasks and responsibilities:

- Bridge the gap between data scientists, bioinformaticians and IT experts to develop and deploy practical solutions for clinical applications and biomedical research projects
- Contribute to the data life-cycle of a state-of-the art drug screening platform and both standardized and exploratory biomarker research projects
- Design and deploy SQL databases and object stores on on-prem and cloud infrastructure
- Develop, standardize and execute data processing pipelines (ETL) for biomedical data
- Taking on the role of a data steward, ensuring that all data activities follow GDPR guidelines and adhere to the best cyber security standards
- Design and implement basic web applications for data access and visualization for both in-house as well as scientific and industry partners
- Deploy and maintain docker containers for various data science related storage and computational services
- Using CI/CD principles to turn existing web app prototypes into tested, easy-to-deploy MVPs
- Work together with IT team to automate company processes

Expected skills and abilities:

- You have a PhD or MSc (with at least 5 years of working experience in the area) in computer science or related fields
- You feel at home when working with the Linux command line
- You are experienced with Docker (experience with container orchestration tools is a plus)
- You have hands-on experience with structured databases (user requirements, design, implementation, maintenance, and setting up ETL pipelines)
- You can navigate and configure cloud and on-premise compute resources (e.g. AWS, GCP)
- You have hands-on experience with cloud and on-premise object stores (e.g. AWS S3, MinIO)
- You have experience with python or equivalent for data visualization and web development

Expected soft-skills:

- *Make-it-work-mentality:* you have strong skills in finding practical yet sustainable solutions
- *Documentation-mentality:* you understand the value of writing concise and effective documentation for colleagues
- Good listening, communication, and personal skills to cooperate with non-technical staff
- Very good command of English, written and spoken

Optional and beneficial skills include experience with:

- Nextflow
- GraphQL
- Kubernetes
- Collaborative working tools (git, ticketing systems)
- Biomedical data (e.g., pathology images, flow cytometry, NGS, metabolomics, microbiome)
- Image analysis and computer vision (including machine learning and conventional methods)
R programming language
- Working in an ISO certified environment
- German language skills are a plus, but not required to thrive in this position

What we offer:

- Flexible workhours with possibility of home office
- Family-friendly environment
- Jobticket
- You will have the opportunity to work in an internationally connected company, within a young, dynamic, and international team
- Your work on improving and maintaining our data pipelines will directly impact patient well-being, both in the short-term through drug screening approaches and in the long-term through state-of-the-art biomarker research
- Opportunity to learn new tools and shape your own work experience by using the technology and tools of your choice
- We offer an unlimited contract with a minimum annual salary from € 56 000 gross based on 40 hours/week. Overpayment is possible, depending on qualifications and work experience.