Junior API Developer - Java, SQL, REST - (f/m) -

You are part of an international Bioinformatician team focused on driving innovation, modernizing database and web application infrastructure, and improving data access effectiveness by: refactoring and building integrating solutions in the context of transition from traditional, legacy platforms to service-oriented architectures. The APIs to be developed and maintained are essential components of the institute’s research strategy towards a digital plant genetics resource center.

**Your tasks:**
- You design and develop a RESTful-API to provide programmatic access to a vast collection of plant genetics and phenotypic data.
- You collaborate with database developers to define efficient data retrieval queries.
- You support Bioinformaticians to use the developed API in their software stack.
- You prepare a sustainable API management and software re-usability concept, as basis for an institutional API management.
- You ensure an efficient and reliable process from design to deployment and to operation.

**Your qualifications and skills:**
- You have a Master/Diploma degree in the field of computer science or a comparable qualification.
- You are familiar with web backend development in at least one major server programming language such as Java, PHP, Python or Ruby.
- You have experience in one of major SQL dialects like PostgreSQL, MySQL/MariaDB, Microsoft SQL Server and Oracle. Knowledge in modern software design and web services is expected.
- You have basic German and good English skills.
- Experience in ORACLE database technology, Groovy, Grails and the OpenAPI specification would be advantageous, but is not a requirement.

**You fit to us:**
- If you possess strong working habits and are a highly motivated person.
- If you have good communication skills.
- If you have the ability to work independently, as well as part of a team.

**We offer you:**
- To be part of an innovative team, to get space to enhance your skills and plenty of scope for pursuing your own ideas.
- A project-based position limited to 12 months, available from 1st April 2018 and with a gross salary up to E-13 TVL.

If you need further information, feel free to contact Dr. Matthias Lange (lange@ipk-gatersleben.de).

What you need to know:
For us, your qualifications and strengths count. Therefore, everyone – independent from gender, origin, age, or possible disability – is welcome. The IPK is striving to increase the proportion of women in sectors where they are underrepresented and therefore explicitly encourages qualified women to apply. As an institution which has been awarded the Certificate for Career and Family (“berufundfamilie”), we offer family-friendly working conditions and flexible working hours. The IPK has set a goal to employ more people with disabilities. Qualified applicants with a disability will be given preference.

Your application:
We are looking forward to receive your online-application (http://www.ipk-gatersleben.de/en/job-offers/).
If you have questions or require more information, please do contact Ms. Jacobi (jobs@ipk-gatersleben.de). Please indicate the reference number 07/01/18 in your correspondence.