



## INFRAFRONTIER GmbH – Job Advertisement

The INFRAFRONTIER GmbH is an academic non-profit organisation. It is located in Munich, Germany, at the premises of the Helmholtz Zentrum München and acts as the coordination office of the INFRAFRONTIER Research Infrastructure. INFRAFRONTIER is the European research infrastructure for the generation, phenotyping, archiving and distribution of mouse disease models. INFRAFRONTIER handles more than 1300 requests annually from a global user community.

We are looking for a highly-motivated

### Senior Database and Web Developer m/f

who will be responsible for developing the IT system at the INFRAFRONTIER GmbH's seat in Munich, Germany.

#### Job description

- Further development of INFRAFRONTIER's database and public search interface, incorporation of biomedical ontologies
- Automated data exchange and integration with other resources in the field of mouse functional genetics
- Ensuring web application security, performance and reliability
- Implementation of automated software tests and monitoring of service availability
- Mentor web developer in maintaining and developing INFRAFRONTIER webpage and data-driven web applications
- The position will involve programming, interfacing with the on-site data processing service centre and with international collaborators in the INFRAFRONTIER Research Infrastructure

#### Your qualifications

- Masters or PhD degree in Bioinformatics, Computer Science, or a related discipline and at least five years of work experience
- Firm knowledge of current Java web technologies (Spring, Hibernate, Solr, Tomcat), JavaScript/Ajax, REST-style web services and relational database systems (MySQL)
- Experience with web content management systems, ideally the Drupal CMS
- Knowledge of virtual machines, build automation and scripting languages (e.g. shell scripting, Perl)
- Experience with Ontologies and Semantic Web

- Structured working style and ability to solve problems creatively and effectively
- Ability to work in an Agile/Scrum development process
- Strong communication skills (English and German) and willingness to work in a multi-site international team

#### Our offer

- Work in an international and stimulating field to support biomedical research
- Diversity of academic environment paired with well-established software development process
- Possibility to leave your mark in a small and innovative team
- Further training opportunities
- Initial employment contract (full-time or part-time position) for two years



Please send your application (PDF) and salary requirement to [michael.raess@infrafrontier.eu](mailto:michael.raess@infrafrontier.eu)

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