

The Secretariat of the Global Biodiversity Information Facility (GBIF) is recruiting a Software Developer

The GBIF Secretariat, located in Copenhagen, is looking for a talented Software Developer with experience in DevOps practices to work in a small team responsible for the GBIF.org API and all aspects of the related data publishing and large scale data crawling that support it. The post is a full-time position located in Copenhagen.

Function:

In this role, you will participate in the software development lifecycle of GBIF.org components and work collaboratively to build, deploy, operate and monitor our systems.

Desirable skills and experience:

- Strong working knowledge of Linux operating system
- Software development experience, with an appreciation of unit / integration testing, documentation, performance robust deployments, optimization; please include your GitHub handle when you apply
- Experience in scaling applications, working with clusters
- Strong development skills in Java or any other JVM language; software design patterns, multithreaded environment, classpaths
- Proficiency in SQL (e.g. understanding different joins)
- Working knowledge of XML and JSON formats
- Background in developing RESTful services
- Ability to work in an English speaking environment
- Professional skills regarding giving and receiving feedback about code
- The capacity to incorporate customer feedback directly into our products
- The ability to work independently and as part of a team

Of particular interest to GBIF would be:

- Experience in working on a distributed system
- Automation experience is a plus; Jenkins, Ansible, Chef, Puppet.
- Experience with monitoring solutions is a plus, (i.e. Nagios, Ganglia, Pingdom, Zabbix, Cacti, etc.)
- Experience in release management (maven releases, strong versioned code)
- Experience with virtualization and/or container environments and tools like: KVM, Vagrant, Docker, CloudStack, etc.

Extra credit:

- Experience working with data processing frameworks such as Hadoop or Spark
- Experience working in the GBIF community or knowledge of GBIF source code
- Experience working with messaging and or data streaming technologies (we use RabbitMQ currently)
- Experience in Lucene based indexing (we use SOLR)

GBIF offers:

- A good team atmosphere and vibrant working environment
- The opportunity to learn and use cutting edge big data technologies from the Hadoop ecosystem (HBase, Hive, Oozie, SOLR cloud, Spark)
- The opportunity to work publicly on open source projects, having direct involvement with the user community
- A competitive remuneration package (see below)
- A powerful laptop (Apple or similar) for development work
- Most importantly, we offer the chance to contribute significantly to an international effort to build and run the global web platform for open biodiversity data.

This post is an exciting opportunity for the right person to develop their experience for an international organization in a science- and technology-based setting in biodiversity informatics for sustainable development. If you match these requirements and are able to start as soon as possible, we look forward to hearing from you.

Remuneration:

GBIF salaries are competitive and are exempt from Danish income tax. The tax-exempted starting salary for this position is: 51,268.00 DKK/month.

The selected candidate is expected to live in Denmark, and a relocation package is available for internationally recruited staff.

Application procedure and deadline:

Applications for the position should include a letter of application addressing your experience in respect to the described function and requested qualifications for the job, your curriculum vitae and your github username, and must be submitted in English by e-mail to datadev-job1-2017@gbif.org by **17 July 2017**. Please indicate in the application where you saw this advertisement. Enquiries concerning the position can be addressed to Lead Software Developer, Federico Méndez Hernández at fmendez@gbif.org, and concerning HR issues to HR Manager Susanne Sheldon at s/sheldon@gbif.org.

Interviews for the position are expected to take place at the end of July 2017.

The Global Biodiversity Information Facility (GBIF) is an international organisation based on a multilateral agreement amongst countries and international organizations with the purpose of making scientific biodiversity data available via the internet.

GBIF is an equal opportunities employer and accepts applications without distinction on the grounds of gender, colour, racial, social or ethnic origin, genetic features, language, religion or belief, political or any other opinion, membership of a national minority, property, birth, disability, age or sexual orientation, marital status or family situation, or any other status. Staff are recruited on the broadest possible geographical basis.