

Job posting

Type of position

- scientific
 administrative

Target group

- graduates
 post docs
 other

Title Scientific-full-stack Java software developer

Institution University of Luxembourg

Position

The University of Luxembourg aspires to be one of Europe's most highly regarded universities with a distinctly international and interdisciplinary character. It fosters the cross-fertilisation of research and teaching, is relevant to its country, is known worldwide for its research and teaching in targeted areas, and is establishing itself as an innovative model for contemporary European Higher Education. The University's core asset is its well-connected world-class academic staff which will attract the most motivated, talented and creative students and young researchers who will learn to enjoy taking up challenges and develop into visionary thinkers able to shape society.

Within the University, the Luxembourg Centre for Systems Biomedicine (LCSB) is a highly interdisciplinary research centre (IC), integrating experimental biology and computational biology approaches in order to develop the foundation of a future predictive, preventive and personalized medicine.

Responsibilities

As a pioneer in its field, the LCSB develops many research and research-supporting applications in-house. Among these applications are tools to support data exchange and protection, as well as exciting visual data exploration and data analysis platforms. We are looking for a talented and enthusiastic new colleague, with or without background in data science, who can help us to design, develop, and maintain our ever-growing research infra-structure.

- You will be part of a team which focuses on the development of a new state-of-the-art patient data exploration and visualization platform.
- You will have opportunities to work on interesting new features using modern technological frameworks and tools.

- As part of our team of experts you commit to a high quality standard by applying multiple testing technologies and industry best practices.
- You have experience with most aspects of delivering production-level software. This begins with the collection and formulation of requirements and ends with the distribution, documentation, deployment, and maintenance of the finished product.
- You have a good understanding of API and networking, which will help you navigate and connect with other applications in our service offering.

Requirements

Essential Qualifications

- A University Master's degree or equivalent in computer science or related fields.
- Proven experience with Java 8 or higher.
- Proven experience in Object Oriented Programming (OOP).
- Proven experience in designing and developing web applications.
- Proven experience with Spring Boot, Spring MVC, or similar frameworks.
- Proven experience with ORM systems such as Hibernate, or similar frameworks.
- Experience with relational database systems.
- Experience with git, or similar code versioning systems.

Desirable Qualifications

- Experience with web UI frameworks such as Angular, React, or Vue.
- Experience with Linux service administration.
- Experience with Elasticsearch.
- Experience with Postgres.
- Experience with Docker.

Application procedure (deadline etc.)

In Short...

- Contract Type: Fixed Term Contract 24 Month - with a potential extension
- Work Hours: Full Time 40.0 Hours per Week
- Location: Belval
- Internal Title: Research and development specialist
- Job Reference: UOL04127

How to apply...

Applications (in English) should contain the following documents:

- A detailed curriculum vitae (CV)
- A cover letter describing previous project experience (if any) and future interests

- A description of name and addresses of three referees if available

Early submission is encouraged

The University of Luxembourg embraces inclusion and diversity as key values. We are fully committed to removing any discriminatory barrier related to gender, and not only, in recruitment and career progression of our staff.

Contact

For further information, please contact: Dr. Venkata Satagopam (venkata.satagopam@uni.lu), Research Scientist, Bioinformatics Core Facility and Technical Coordinator of the ELIXIR-Luxembourg Node

Online applications should be addressed to: Prof. Dr. Reinhard Schneider, Head of the Bioinformatics Core Facility and Head of the ELIXIR-Luxembourg Node