An *exciting* opportunity for a
Senior Software Developer

Lhasa Limited is a rapidly growing not-for-profit company and educational charity, with an enviable reputation for collaborative scientific development. Our world leading software and database systems are used globally in pharmaceutical, cosmetics, chemical, agrochemical and other sectors for the prediction of toxicity, metabolism and degradation. Our continued success means that we are constantly seeking additional people to work with us in our prestigious head office in the heart of Leeds.

Senior Software Developer (Java)
(Full time, Permanent)

£33,434 - £42,377 + 34 Days Holiday + Generous Pension

What is the role?

An exciting opportunity exists immediately for a highly motivated Senior Software Developer (Java) to join a vibrant software development team based in Leeds. Working in small, agile teams, the successful candidate will help develop Lhasa's next generation of Life Science based products as well as maintaining and enhancing the current product suite.

Who are we looking for?

Applicants will be educated to degree level and be experienced in software development in Java-based rich, single page web applications. This will involve a mixture of feature enhancement and bespoke development, with all members of the team having an influential role in the whole development process. Work within the team is varied, with openings for full-stack and rich UI specialists alike. Candidates must be able to demonstrate experience in rich single page web application UI development.

Lhasa development embraces the latest tools, SDK's and frameworks and we are seeking a similarly minded individual with a passion for technology and delivering the highest quality products.

Excellent communication and organisational skills are essential, as is the ability to meet deadlines, adapt quickly where change occurs and the planning and prioritisation of work.

What do we offer?

Based in our modern office environment and working collegiately alongside exceptionally talented colleagues developing meaningful science that supports the delivery of life enhancing products, will afford you the opportunity to make a positive contribution to a reduction in animal testing.

Our charitable status enables us to make altruistic decisions for the public benefit and to work with some of the leading organisations in the world to really make a difference. Lhasa's collaborative approach is widely trusted by our member organisations and ensures that we are able to access privileged information helping our people to gain the job satisfaction that arises from working on something special.

Salary will be in the range of £33,434 - £42,377 p.a. plus benefits depending on qualifications and relevant experience. Lhasa provides a generous pension scheme together with 34 days personal holiday allowance, plus statutory holidays.

If you want your career to make a positive impact for you and for others, join us in our pursuit of scientific excellence.

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For further information on Lhasa Limited and to obtain an application pack, please visit www.lhasalimited.org/careers.htm

Job reference number: LL/16/15.

Senior Software Developer (Java) Job Description

Grade 7

Summary of the role

To design and implement rich single-page web applications within the Life Sciences domain. The Software Developer will work in smaller teams within the software development department to create and maintain the next generation of Lhasa's market leading and internationally respected software products.

Reports to

- The Chief Technical Officer, or delegated staff member within the Software Development team.

Main responsibilities

- The design and implementation of single-page web applications and software components for use within the Life Sciences domain.
- Work on the clarification and implementation of requirements and acceptance criteria in an Agile environment.
- Assist in the creation of "straw-man" prototypes prior to implementation.
- Where required, demonstrate software to user representatives and other project stakeholders.
- Help to write and maintain suitable testing (e.g. JUnit, Selenium).
- Maintain a high standard of code and design documentation.
- Liaise closely with other project team members; including test, documentation and business analysis.
- Undertake tasks allocated by the Lead Developer
- Undertake other software development project related tasks which may be reasonably expected.
- Where required, provide 2nd tier support to account management.
- Organise your time and communicate effectively with the team.
- Plan and prioritise work to meet tight deadlines.
- Adapt quickly and effectively to change.

Policies and procedures

- To comply with all relevant company policies and procedures
- To complete all documents and records as required by the company policies and procedures

Senior Software Developer (Java) Candidate Profile

Education and Qualifications*

Educated to a minimum of degree level or equivalent in a relevant discipline e.g. computer science or software engineering	Essential
Professionally qualified in software specification and design	Desirable

Skills**

Development of rich single-page web applications	Intermediate
Development using Java 7/8 in a Windows IDE environment	Intermediate
Knowledge of software application design in an Agile environment	Intermediate
Use of techniques and profiling tools to optimise performance	Intermediate
Use of continuous integration environments, particularly using Jenkins	Intermediate
Use of code repositories such as SVN	Intermediate
Development using application frameworks such as Spring	Desirable
Development of client/server architecture in a scalable, high-availability environment	Desirable
Complex algorithm design, for e.g. machine learning	Desirable

-- Skills and Knowledge – GUI**

Web-application development using JavaScript/CSS3/HTML5	Intermediate
Web-application development using Vaadin/GWT/Java	Intermediate
Reactive web-design focusing on different devices and form-factors	Intermediate

Experience*

Experience of leading development teams	Desirable
Able to review and select appropriate frameworks and technologies to solve problems	Desirable
Able to present and discuss new ideas, frameworks and concepts within the development and wider project teams	Desirable

*Experience, graded using the experience grading below

**Skills, graded using the skills grading below

Experience grading used:

Essential	There must be evidence shown of this experience
Desirable	It would be good to have demonstrable experience, but this is not considered essential for the grade

Skills grading used:

Expert	Would be considered to have a deep understanding and be able to apply the knowledge to a variety of problems
Intermediate	Regular knowledge and experience of the skill/framework which has been applied practically in a professional environment, most probably on a daily basis
Beginner	Some knowledge and experience of the skill/framework which has been applied practically
Desirable	It would be good to have demonstrable experience, but this is not considered essential for the grade