An exciting opportunity for a Automation Test Engineer

Lhasa Limited is a 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 talented people to work with us in our office in Newcastle.

Automation Test Engineer
(Full Time, permanent)

Competitive salary + 34 Days Holiday (+BH) + Generous Pension

What is the role?
Working within project teams using agile practices, the Automation Test Engineer is responsible for the creation, maintenance and continuous improvement of automation tests and will help to define test strategies within projects and across the function. They are also expected to assist the project team with other tasks required to achieve goals and contribute to the continuous improvement at Lhasa.

Who are we looking for?
The ideal candidate will have a degree in a relevant subject and/or commercial experience in software testing. They will have knowledge and experience of developing new and existing automated test suites using tools and languages such as selenium and java, as well as experience of manual and non-functional testing. They will be capable of leading testing on an agile project and contributing to testing decisions at a function level, so the candidate will require a high level of technical skills and a high level of soft skills such as communication, influencing and coaching

What do we offer?
Based in our modern office environment and working alongside exceptionally talented colleagues developing meaningful scientific software that supports the delivery of life-enhancing products which 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 us to gain the job satisfaction that arises from working on something special.

In return we are offering a competitive salary depending on skills and relevant experience. Lhasa provides a generous pension scheme together with 34 days personal holiday allowance plus bank holidays.

Join us if you want your career to make a positive impact for yourself and others.

Job reference number: ATE/Newcastle
Automation Test Engineer Job Description

Grade 7

Summary of the Role

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Reports to

- The Automation Test Engineer reports directly to a Software Delivery Team Leader

Main Responsibilities

- Write and maintain automated tests
- Undertake other testing responsibilities on projects such as manual, exploratory and non-functional testing
- Work with team to define automation test strategies on projects
- Contribute to continuous improvement and test strategies for the function
- Work in a small project team using agile practices and frameworks such as scrum
- Coach and mentor less experienced testers
- Promote good testing practices within the project team and across the company
- Configure automated test suites to run against scheduled development builds
- Participate in additional team and functional activities such as meetings and workshops

Additional Responsibilities

- Perform peer reviews of both manual and automated tests
- Assist the project team to achieve goals by undertaking highest priority non-testing tasks such as development, documentation or researching solutions when possible
- Assist with the demonstration of software to project team members, user representatives and other project stakeholders
- Identify and implement test tools and techniques to improve testing quality and efficiency
- Write and maintain project, technical and operational documentation as required
- Provide 2nd tier support to account management
- Where appropriate, promote the visibility of Lhasa within professional networks

Policies and Procedures

- Comply with all relevant company processes, policies and procedures
- Complete all documents and records as required by the company policies and procedures
Automation Test Engineer Candidate Profile

An ideal candidate will have the following skills, abilities and experience.

**Education and Qualifications**
- Educated to degree level in a relevant discipline such as Computer Science, Mathematics, Chemistry or Life Science, or have relevant commercial experience in software testing.
- Professional certification in software testing such as ISTQB

**Skills and Knowledge**
- Excellent analytical skills
- Communication skills both written and oral
- Knowledge of writing and executing automated tests
- Knowledge of manual testing including exploratory testing
- Knowledge of non-functional testing
- Understanding of Agile development methodologies, ideally Scrum
- Knowledge of object oriented programming languages such as java
- Adaptable to change. Helps to instigate change. Helps to mentor others through change
- Utilises conceptual, creative and analytical thinking skills

**Abilities**
- Able to work responsibly, prioritising and organising work without close supervision to achieve goals
- Able to understand business needs
- Able to adapt and learn quickly and apply gained knowledge and experience to adapt and enhance processes and procedures
- Able to analyse problems and devise effective solutions
- Able to work effectively in a team environment
- Self-motivated
- Able to lead by example and demonstrate the key values of commitment, focus, openness, respect and courage

**Experience**
- Experience of testing software in a commercial organisation
- Experience of software testing utilising tools and frameworks such as: HP UFT, Jasmine or Selenium
- Experience of working in agile teams (Scrum)
- Experience of using continuous integration tools such as Git & Jenkins
- Experience of non-functional testing
- Experience of testing software products in a scientific domain
- Experience of software development using languages such as: HTML & CSS, Java, JavaScript or TypeScript (Angular)