

## JOB DESCRIPTION

<b>Job Title</b>	Senior Software Engineer in Test
<b>Department</b>	R&D
<b>Location</b>	Theale, Berkshire, UK
<b>Reporting to</b>	IG Team Leader

### About Clearswift

Clearswift is trusted by organisations globally to protect their critical information, giving them the freedom to securely collaborate and drive business growth. Our unique technology supports a straightforward and 'adaptive' data loss prevention solution, avoiding the risk of business interruption and enabling organisations to have 100% visibility of their critical information 100% of the time.

As a global organisation, Clearswift has offices in the United States, Europe, Australia and Japan, with an extensive partner network of more than 900 resellers across the globe.

More information is available at [www.clearswift.com](http://www.clearswift.com)

### Clearswift Values

Show *passion* in what we do, drive for *innovation* in everything we do and continuously *collaborate* to make a difference.

### The Role

The IG team is responsible for the ongoing development of Clearswift's Information Governance (IG) and Critical Information Protection (CIP) products. We are looking to recruit enthusiastic and innovative engineers to continue delivering these high quality solutions. Development utilises a range of technologies including Java, C#, Spring, ActiveMQ, Linux, Windows, GWT and SQL.

As a member of the team you will be contributing to the continued development of our newest data security products that control how customers' sensitive data is distributed across their internal infrastructure and the wider external sites. This service is essential to a wide range of organisations as leakage of sensitive data could cause loss of business and reputation or result in significant fines.

As a successful applicant you will be working on enhancing our products to satisfy the demanding requirements of our customers. You will be responsible for technical leadership within the team, innovation, continuous improvement and collaboration across all teams.

You will be working within a multi-disciplined Scrum team and expected to take an active role in capturing requirements, producing designs, testing and coding. You will work closely alongside the team to achieve team goals and will assist others to ensure sprints are completed successfully.

### **Key Responsibilities**

- Providing key technical contributions
  - Solid technical experience is required to analyse, design and implement test solutions that are maintainable and reusable
- Working with R&D to improve processes and adopting best practices
  - Reviewing successes and identifying issues to innovate process solutions and align best practices
- Encouraging creativity and innovation
  - Support a culture of creativity for growing innovation in software solutions and delivery
- Perform technical duties alongside the team
  - The Senior Engineer in Test is a major contributor and shares in the tasks required to achieve team goals
- Actively encourage and support cross team collaboration
  - In parallel with making goals and status visible, encourage the team to work together to achieve common goals as well as being proactive in providing excellent "customer service" across functional teams
- Supporting and mentoring engineers
  - Responsible for supporting the team as a whole and mentoring less experienced engineers
- Assist in recruiting new team members
  - Suggest required skillsets to complement the team and supporting recruitment activities

### **Skills Profile**

- Quality focus with excellent automation skills
- Clear and concise communication skills (verbal and written)
- Presentation and mentoring skills
- Ability to drive improvement in an evolving technical environment
- Expertise in software quality, test and development techniques (TDD, BDD, CI etc.)
- Understands Agile principles, Scrum framework and the SDLC

### **Personal Characteristics**

- Develops high quality reliable software applications
- Innovative individual who inspires and encourages creativity in others
- Ensures that team members are following R&D best practices and procedures
- Assists in optimising the delivery effectiveness of the team
- Forms excellent working relationships

### **Role Specific Skills**

Essential

- Has key role in teams successfully delivering complex commercial applications
- A solid understanding of test principles, concepts and techniques
- Ability to understand and analyse requirements and to ensure effective and repeatable test sets can be designed and constructed
- Ability to review feature designs and contribute to ensure that they can be appropriately tested
- Ability to design and create effective physical and virtual test environments
- Experience of developing test software and test systems for Linux platforms
- BDD/TDD, test automation using Cucumber/Selenium/Java
- Familiarity with Continuous Integration concepts, tools and quality metrics
- Experience of agile methodologies e.g. Scrum
- Clear and concise communication skills (verbal and written)
- Ability to report and monitor own progress and that of other team members
- Ability to contribute to project planning and prioritise effectively
- Ability to inspire and motivate others
- Ability to adapt to a changing technical environment

#### **Desirable**

- Development languages e.g. Java, C++, C#, Perl, Python
- Distributed systems using a JMS Compliant Message Broker such as ActiveMQ, RabbitMQ etc
- Java Database Access Layer (JdbcTemplate & Hibernate)
- Spring framework
- Red Hat Enterprise Linux or CentOS
- Ubuntu
- Database design and writing SQL
- Experience of using the Eclipse development environment
- User Interface design and GWT development

#### **Education and Qualifications**

- Degree or equivalent
- 3+ years experience in delivering commercial software

#### **Other**

The role is located at our offices in Theale, Berkshire, UK.