



## JOB DESCRIPTION

<b>Job Title:</b>	Operations Engineer – Engineering Services
<b>Department:</b>	R&D
<b>Location:</b>	Theale
<b>Reporting to:</b>	Team Leader – Engineering Services
<b>Date:</b>	29th April 2016

### 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 DevOps Engineer within R&D is responsible for technical contributions supporting teams of Software Engineers, with the goal of excellent project deliveries to time and quality.

The Engineering Services team within R&D provide agile operational services to all software delivery teams. They build and maintain hardware and software infrastructure for critical engineering services such as issue and task tracking, software configuration management, build and test systems. Their goal is to ever improve engineering practices and efficiencies for all R&D, via the maintenance and enhancement of key engineering resources and the intelligent automation of build and quality processes in a Continuous Deployment environment.

## Key Responsibilities

- Providing excellent technical contributions
  - Solid technical experience is required to analyse, design and implement model software 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
- Active member of the team, in improving deliveries
  - A major contributor and shares in the initiatives and tasks required to achieve team goals
- Support creativity and innovation
  - Support a culture of creativity for growing innovation in software solutions and delivery
- Actively 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

## Skills Profile

### Essential

- Continuous Integration tools e.g. Jenkins
  - Source Code Management and branching schemes e.g. Subversion (SVN), GIT
  - Build and test e.g. Ant, Maven, JSP, Groovy
  - Jenkins 2.0 pipelines
- Configuration Management e.g. Puppet, Chef, Ansible
- Continuous Delivery tools e.g. Nexus, Artifactory
  - Quality tools and metrics
  - Dashboarding, monitoring and alerting
  - Intelligent build promotion
- R&D systems management and automation
  - Issue Tracking e.g. Jira
  - Virtual development and test environments - VCenter/VMWare, HyperV
  - VirtualBox, Vagrant
- Networking skills

### Desired

- Development, integration and automation
  - Bash, Python, Perl
  - HTML, PHP, SQL
  - Java, C++, C#, C
- Cloud Services
- Static Source Code Analysis e.g. Coverity, SonarQube or similar
- Code Coverage tools e.g. Bullseye, Icov/gcov



- Disaster Recovery

### Personal Characteristics

- Experience of software quality, test and development techniques (TDD, BDD, CI etc.)
- Contributes to improvement in an evolving technical environment
- Demonstrates good technical expertise
- Clear and concise communication skills (verbal and written)
- Presentation and collaboration skills
- Understanding of Scrum framework and the complete software development lifecycle

### Other

- Degree or equivalent experience:
- Years of experience: 2+
- Specialized training in: Continuous Delivery/Deployment
- Scrum, Agile methodologies

The job is located at our offices in Reading, Berks.