



16 Fitzwilliam Place,  
Dublin 2,  
Ireland

## **Job Description – Devops Engineer**

**Job ID #: SCS-DUB-15-3**

**Location: Dublin, Ireland**

**Position Type: Full-time Permanent**

**Education Required: B.Sc. in CS**

**Experience Required: 2+ Years**

**Relocation Provided: No**

### **Position Summary:**

Under administrative supervision of the VP Engineering, this position is responsible for the deployment and maintenance of a cloud-based business intelligence SaaS solution.

The successful candidate must have a B.Sc. in Computer Science (or equivalent), plus a minimum of 2 years' experience in developing, deploying and maintaining large Amazon AWS based SaaS solutions is also required to be considered for this position.

Responsible for deploying, automating, maintaining, troubleshooting and improving the systems that keep the backend infrastructure running smoothly. The role requires you to have hands-on technical experience and a can-do approach towards environment automation / management and continuous improvement.

The role will encompass the use of a broad range of AWS technologies, operating systems (Windows, Linux) and application environments (Oracle DB, SQL Server, IIS, Glassfish), with an emphasis on the implementation of best practice cloud security principles.

Excellent English verbal and written communication skills are essential.

Some international travel may be required from time to time.

**Company Information** - SmartFlow Compliance Solutions (SCS) is a leading developer of anti-piracy and license compliance technology. The company is founded by a team of successful entrepreneurs with a track record of success in the software and license compliance industries. This is an opportunity to get in on the ground floor with a growing company that has already established itself as the preferred supplier to multi-billion dollar a year software developers in electronic design automation (EDA), mechanical CAD, computer graphics and other sophisticated applications.

SCS provides equal employment opportunities to all employees and applicants without regard to race, color, religion, sex, gender, national origin, disability, protected veteran status, or any other characteristic protected by applicable laws, regulations, or ordinances.

Authorization to work in the Republic of Ireland will be required for this position.

### **Core Role Responsibilities:**

- Deploying, automating, maintaining and managing AWS cloud based production system, to ensure the availability, performance, scalability and security of production systems.
- Build, release and configuration management of production systems.
- Pre-production Acceptance Testing to help assure the quality of our products / services.
- System troubleshooting and problem solving across platform and application domains.
- Suggesting architecture improvements, recommending process improvements.
- Evaluate new technology options and vendor products.
- Ensuring critical system security through the use of best in class cloud security solutions.

### **Required Skills and Experience:**

- **AWS:** 2+ years' experience with using a broad range of AWS technologies (e.g. EC2, RDS, ELB, EBD, S3, VPC, Glacier, IAM, CloudWatch, KMS) to develop and maintain an Amazon AWS based cloud solution, with an emphasis on best practice cloud security.
- **DevOps:** Solid experience as a DevOps Engineer in a 24x7 uptime Amazon AWS environment, including automation experience with configuration management tools.
- **Scripting Skills:** Strong scripting (e.g. Python) and automation skills.
- **Operating Systems:** Windows and Linux system administration.
- **Monitoring Tools:** Experience with system monitoring tools (e.g. Nagios).
- **Problem Solving:** Ability to analyze and resolve complex infrastructure resource and application deployment issues.

### **Desired Skills (Not essential but beneficial to have):**

- **OO Programming Skills:** Strong OO Programming skills (Java or C#).
- **DB Skills:** Basic DB administration experience (Oracle, SQL Server).
- **Agile Methodologies:** Experience with Agile software development, project management methodologies.
- **Version Control:** Experience administrating version control systems such as SVN.
- **Networking:** Understanding network topologies and common network protocols and services (DNS, HTTP(S), SSH, FTP, SMTP).

### **Educational Requirements:**

- B.Sc. in Computer Science or other equivalent technical discipline.

### **Other Candidate Requirements:**

- Professional commitment to high quality, and a passion for learning new skills.
- Detail-oriented individual with the ability to rapidly learn new concepts and technologies.
- Strong problem solving skills, including providing simple solutions to complex situations.
- Must be a strong team player with the ability to communicate and collaborate effectively in a geographically disperse working environment.