

# DevOps Engineer



## Overview

At [Restlet](#), we're tackling the hardest problems in data and web architectures to make Web API creation, hosting and promotion better for developers.

We're looking for an engineer with DevOps skills who share our passion for building a robust distributed system that enables us to deliver the all-in-one [APISpark](#) PaaS platform. We believe operations should be largely automated and tightly integrated into the engineering and product flow.

As a Senior Engineer, you will design, build and maintain our service delivery platform. You will configure, automate, monitor, optimize and autoscale a multi data center AWS-based infrastructure. You will maintain monitoring systems and manage permissions and security. You will work with development teams to make our production environments both very fast and highly-available.

Restlet practices Agile and Continuous Deployment methodologies, and you will be expected to extend and solidify those efforts. You will be joining a fast-paced company in a high-growth market, and will help scale the infrastructure accordingly.

The job is based in France / Nantes, [Green Capital 2013](#), among the best places to live in France, and located in the brand new High Tech area.

## Responsibilities

- Build, monitor, and maintain production and development environments
- Configure, administer and secure a variety of virtualized environments
- Develop automated deployment mechanisms using Chef, Puppet, Zookeeper, and similar tools
- Monitor application performance, ensure uptime and security
- Identify disaster scenarios; plan and test recovery
- Perform backups and test backups via restore
- Participate in 24/7 on-call rotation

- Configure and maintain global AWS infrastructure (firewalls, routers and load-balancers, multi-region)
- Monitor and optimize overall performance (Java, Cassandra, Solr components)
- Create and execute scripts to perform needed system functions
- Create templates which manage entire system lifecycle
- Perform general system maintenance and security tasks : OS updates and upgrades, file system, user administration
- Manage and maintain database servers

## **Qualifications**

- 5+ Years System Administration and Development experience
- Working experience with Amazon AWS
- Deep knowledge of Linux (file systems, network stack, administration), IP/HTTP protocol suite, related security stakes and troubleshooting
- Strong scripting skills (Bash, Perl, Groovy...)
- Experience with setting up a monitoring service (such as Nagios, NewRelic, ..)
- Development experience with at least one language (ideally Java)
- Good written and verbal communication skills as well as technical documentation experience in english
- Experience with Cassandra (replication, backups, tuning, rings) a plus
- Experience with Java application monitoring and development, a plus

## **Skills**

- Ability to learn, use, implement, and integrate leading technologies
- Excellent problem solving and analytical skills
- Able to work independently, self-motivated, and a strong team player
- Ability to investigate, troubleshoot, and fix system, network and security issues
- Ability to work in a fast paced environment
- Ability to perform focused work with close attention to details

## **Education and Experience**

- Bachelor's degree or equivalent work experience preferred
- Previous experience in a team environment required

## Work Environment

- R&D office position ([HubCreativ](#))
- Minimal travel may be required
- Minimal off-hours support availability may be required

## Benefits

- Market competitive salaries and bonus scheme
- Company private healthcare plan
- Employees stock options plan
- Big screens and fast computers, Linux, Mac or PC is up to you

## About us

Restlet is a web API platform vendor, pioneer of RESTful web APIs. We serve our customers all over the world, providing cutting edge software to build web APIs including APISpark, our innovative all-in-one PaaS.

With offices in both Silicon Valley (San Francisco) and Europe (Paris & Nantes), Restlet is a company led by a team of passionate engineers.

Since our creation, we are at the same time big users of open source software and providers through our Restlet Framework project at the core of our APISpark cloud platform. We are trying to find the best balance between the free usage of our software and the need to fund our research and development and our structure.

We think that the most generic pieces of infrastructure should be freely usable with as few constraints as possible. For example we distribute the Restlet Framework under Apache, LGPL, EPL and CDDL licenses, compatible with most usages.

### **APISpark, the first all-in-one platform for Web APIs**

APISpark lets you build your web APIs in a flash, including the creation, hosting, management and usage of those web APIs.

Our goal is to provide software and services that facilitate the realization of Web API projects. In addition, we want to make the path from ideas to their realization as enjoyable and efficient as possible for all stakeholders, project managers, architects and developers. We bring in your hands the power and simplicity of the Web and its founding principles such as its REST architecture style, its core standards including HTTP, URIs and HTML.