



Site Reliability Engineer / DevOps - Biker

SREs develop, maintain and operate software that automates the traditional roles of the system administrator.

Challenges of this role

You will be the guardian of web production systems that run Criteo's products used by over 11k publishers and 8k e-commerce companies. These products create relevant digital ads in REAL-TIME and cross-devices in 50ms, half a million times per second. The operations platform is one of the largest commercial system in the world - spread across three continents and 8 datacenters with more than 15,000 servers.

Thanks to the BIKER team (Business Incident & Critical Event Response), the Prod platform runs smoothly 24/7.

The mission is to monitor and act on the incidents that are detected either through monitoring or raised to our attention from other teams. The goal is to:

- Detect and act on alerts with Business impact level 1. Act = confirm and fix if needs to be
- Define the process for the new alerts review, enforcing the need for accurate documentation, dashboard, monitoring, etc
- Escalate issues whenever they can't be fixed with the current tools and/or knowledge
- Also includes, Consolidate experience with creation of new TroubleShooting Guides (TSGs)
- Automate the TSGs for the recurring issues

Criteo's significant growth provides you an opportunity to strategically influence the evolution of our production platform, processes, methodologies, technologies and so much more. You will be involved in decision making and in rolling out the changes with your team.

Your ability to adapt to a fast moving environment will be a key element to our success. Your technical background and autonomy will help you fit with the BIKER team.

High stakes, high rewards: 1% increase in performance may yield millions for the company. But if a single bug goes through, the Internet goes down (we're only half joking).

We are still a young company where there is still a lot to build and drive. If you are a problem solver, a MacGyver of engineering and want to work in DevOps at massive scale, then this is the right place for you!

Strong candidates qualifications

- Strong hands-on experience in Systems Engineering/DevOps is required
- Experience in working on a Windows and/or Linux production platform, running Web Services (IIS, Apache, etc)
- Candidate must have demonstrated a strong knowledge of Linux Systems or Windows fundamentals (CentOS, Windows 2008 R2, Windows 2012)
- Strong experience in scripting with one of the following languages: Ruby, Python, Perl, Powershell
- Good understanding of networking concepts (load balancers, routers) as well as System Administration
- Candidate must have a demonstrated experience troubleshooting problems, including impact assessment
- Experience in working with local and remote teams to resolve large scale production issues and escalation to the right level
- Skills in identifying recurring issues to design and implement automatic response
- Strong experience with either automation frameworks Puppet, Chef, Ansible etc) and/or monitoring tools (Nagios, Centreon, Graphite, Kibana etc) or configuration management

Bonus

- Experience with performance monitoring/tuning
- Experience working with large scale deployments in cloud or hybrid environments
- Proficiency with incident management

Criteo R&D Culture

- **Empowerment** – We believe in hiring the best engineers in the industry and then letting them get on with what they do best – designing, coding and releasing state of the art software.
- **Mobility** – In our Voyager program our engineers get to pick which team they want to work on for 2-4 weeks, boosting collaboration, networking and maybe even leading to switching teams.
- **Agility** - We work in a fast pace environment where we build and release stuff frequently to deliver value soon and adapt to changes quickly.
- **Variety** – We have many ways to get your code to production including our Hackathon, 10% projects, Voyager and more.
- **Multicultural** – We have engineers from all over the world for you to interact and exchange ideas with.

Our culture keeps evolving, and you will be expected to contribute actively with new ideas to complement and enhance the existing programs that include frictionless internal mobility, 10% time, mentoring, technical talks, hackathons, conferences, etc.

Are you up to the challenge?

Do you want to know more about life in the R&D?

Youtube: [R&D Criteo @ Europe](#)

Our blog: <http://www.criteolabs.com>

Twitter: [@CriteoEng](#)