

**System Admin/DevOps**

**About Us**

Affectv. Advertising that’s relevant. Powered By Signals.

Affectv is a leading international audience technology company. Our Mission: To help improve the Internet by making advertising more relevant for people.

Affectv helps brands and marketers to find, understand and connect with the relevant audience, in real-time across multiple digital channels, by interpreting the world of noisy data into people signals. We then deliver performance driven campaigns with more precise targeting, more meaningful messaging and more actionable insights.

We map millions of nodes and billions of interactions every month, and we are looking for you to take our technology to the next level.

You will be part of a world-class team of engineers and researchers working on the latest advances in graph theory, distributed computing and natural language processing. Working in a challenging environment, you will have access to the latest tools and resources and will be encouraged to use your creativity and imagination to extract even more value from the vast amount of data we capture every day.

We offer good salaries and an extensive benefits package which includes private health insurance, performance based unlimited leave, membership to a private member's club, inspiration days, hackathons, industry events/conferences, spot bonuses, all you can eat coffee/fruits/snacks and many more.

Find out more by visiting <http://affectv.co.uk/> and check out our recruitment video <http://youtu.be/zUcyEekoaLA>.

### About the role

* You will be responsible for monitoring, commissioning and upgrading our servers.
* You will ensure that we have the server capacity when we need it. You will be familiar with setting up and managing AWS (Amazon’s Elastic Computing).
* You will be orchestrating and automating the deployment of our servers and services.
* You will be ensuring that the proper environments, testing, development and production are set for our services.
* You will be enabling feedback between teams during the lifecycle of application development.
* You will also be responsible for IT functions within the company. This includes hardware like laptops and printers; and networking.

### Requirements

* Familiarity with (or a keen desire to learn) AWS, MongoDB, Redis, Nginx.
* You will be comfortable in at least one scripting language apart from Bash.
* You will be familiar with a setting up, monitoring and scaling a variety of systems.
* Strong analytical mind. Ability to figure out where and what the bottlenecks are. Always asking “Why?” and “Can this be done any faster?”
* We work with HUGE datasets. We process millions of data points and the numbers are growing every day; experience with deployment and scaling of databases would be desirable.
* An understanding of ad servers and/or ad exchanges would be of benefit.

### Buzzwords

* **Deployment**: Chef, Ansible, Fabric, AWS:Auto-scaling groups, AWS:Elastic Beanstalk, Docker, Vagrant, AWS:IAM
* **Monitoring**: Graphite, Grafana, Nagios, AWS:Cloudwatch, AWS:sns
* **Databases**: Redis, MongoDB, Cassandra, AWS:rds, AWS:Dynamo, AWS:Redshift, Neo4j, MySQL, PostgreSQL.
* **Languages**: Python (+ pypy), Bash, Java/Scala, C++, PigLatin, GoLang
* **Servers/Technologies**: AWS:EC2, Ubuntu, CentOS, Tornado, NginX, Kafka, Storm, Azkaban, AWS:Elastic Map/Reduce, Hadoop, Zookeeper, etcd, serfdom, AWS:Elastic Load Balancer, HAProxy, nodejs