

DevOps Engineer

London, UK or Austin, Texas, USA

The company:

Validis has an opportunity for an enthusiastic DevOps engineer to join our TechOps team. The team is responsible for many different technologies, so the scope of the role can grow into other areas of interest too. We are a cloud-based organisation, offering a SaaS solution to our customers.

You would be hands-on with service offerings from Azure and AWS as well as kubernetes where our microservice-based platform runs. We manage all of our services in-house and you would be a key member of the team; the work you're involved with will have a direct impact on both internal and external customers.

As part of ensuring proper operation of our global platforms, our DevOps engineers are also responsible for most parts of the release workflow where automation, testing and monitoring are key activities.

There is a requirement to be available on-call out-of-hours as part of a rota.

Key responsibilities:

- Production Operations- break/fix, monitoring
- Maintenance and expansion of automated provisioning and deployment processes.
- Ensure proper uptime, rollback capabilities, load-balancing configuration, database configs, backups, for all environments.
- Account management and security
- Maintain and expand monitoring and telemetry systems, including zabbix, tick, appdynamics
- Implementation of process and best practices for maintenance, automation, and security.
- Work with 3rd party offshore development team to troubleshoot and rectify issues.
- CI/CD toolchain maintenance and configuration
- Management of cloud infrastructure (MS Azure and AWS)
 - Azure SQL- maintenance and reporting
 - Kubernetes- general administration and configuration
 - Helm- chart creation and management
 - Linux- maintenance and configuration
 - Docker- management and maintenance of docker containers

Desired experience:

- Experience working with production operational systems
- Linux Administration
- Experience of implementing and operating within a Continuous Integration process
- Ability to explain complex technical issues to a range of audiences
- Good troubleshooting skills, low level tracing abilities.
- Knowledge of Network fundamentals
- Knowledge of Security fundamentals
- DevOps experience with defined development, testing and release phases and procedures
- Experience with multiple lifecycle applications
- Knowledge of securing cloud infrastructure
- Experience of managing big data infrastructure
- Domain management / Registration (DNS, DHCP, etc)
- Windows AD and general Windows Domain Experience (In particular Security and User management)
- Use of Cloud services in a production environment
- Key Vault management
- Experience of working with offshore development teams from a development and operational support perspective.
- Docker and microservices architecture experience
- Experience working with the following technologies
 - Kubernetes with Helm/Tiller
 - Ansible
 - MS Azure
 - Linux (Ubuntu)
 - Jenkins
 - Microservices architecture
 - Support existing AWS stack using chef
 - ELK
 - Nagios
 - Kubernetes in azure a bonus
 - Zabbix
 - Message queue
 - Cloud storage
 - Firewalls & NSG