

## DevOps Engineer

Office Location: **Ludlow/Milton Keynes**

Employment Type: **Full time**

Work Location: **Flexible/Remote**

Department: **R&D**

Reporting to: **Head of Engineering**

Compensation: **TBC**

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### Application process

Contact Adam Calladine

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### About Kinetic

We are the UK's leading supplier of event management and student accommodation software to the higher education sector. Our team of 75 people work out of our Milton Keynes (HQ) and Ludlow offices in the UK and from our US office, generating annual revenues of around £10m; we're growing at around 15% per annum. We're owned by Constellation Software Inc., one of the largest software groups in the world, providing fantastic opportunities for benchmarking, sharing best practice and learning.

Kinetic proudly supports 84% of UK and Irish universities, 60 universities in North America, as well as unique venues such as Lords Cricket Ground and the Merlin Group with our deep and powerful software offering. The culture at Kinetic is one of passion, drive and fun where everyone pulls together to deliver an outstanding customer experience, growth and profit.

We support personal development and build on individual strengths, providing options for career progression across our business.

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### Summary

Currently, Kinetic supply traditional client/server enterprise software hosted either on-premises by the customer or by us in Microsoft Azure (KxHosting). We are now in the process of porting our product set to a web-based, multi-tenant cloud solution built in Amazon Web Services.

The DevOps team is responsible overall for the continued maintenance and development of our AWS platform and as well as the server infrastructure and product deployments in Azure.

At Kinetic, we constantly strive to find the right people and provide all the tools and support to allow us to develop both personally and professionally. We are looking for bright and dynamic individuals who can bring energy and enthusiasm to a demanding role within a rapidly growing and successful company.

### Responsibilities include

- Continual operations and infrastructure development
- Architecture of automated solutions
- Onboarding of customers to our cloud services
- Platform maintenance
- Support Kinetic cloud developers
- Maintain ISO27001 and PCI Compliance
- System monitoring and day-to-day management.
- Working with technology and infrastructure vendors.
- Management of data synchronisation and backup processes

### Required experience

- Experience with configuration management tooling such as Terraform and Ansible.
- Experience managing microservices (scaling, upgrading, traffic management, deployment strategies)
- Strong understanding of Amazon services such as RDS/MySQL/SQL Server, Cognito, ECS, ALB
- Experience with CICD tools and technologies such as Jenkins
- Strong understanding of software engineering practices and development methodologies
- Effective communication skills and demonstrated ability to explain day to day technical concepts to a range of audiences, technical and non-technical
- Good appreciation of information security principles commonly applied to securing data in the cloud
- A good understanding of networking concepts and devices (virtual networks, VPNs, proxies, firewalls)
- Experience with at least one major cloud hosting platform (Azure, AWS, GCP)

### Desirable skills/knowledge

- Experience with Elasticsearch technologies
- Experience of Docker and Kubernetes or related technologies
- Experience with technologies supporting Kubernetes such as Helm or Istio
- Experience of a Keycloak implementation
- Experience with secret management technologies such as Vault

## Benefits

Kinetic provides excellent working environments at its offices, including kitchens with free tea, coffee and refreshments. Our social committee organises activities and events. All staff have access to a benefits package which is designed to offer support with health and wellbeing, financial planning, parental leave and so much more.

## Other information

You will need to provide

- Proof that you have the right to work in the UK
- a reference
- a DBS check