**DevOps engineer**

Grade: SEO

We are looking for a DevOps Engineer to join our community of digital specialists, to help deliver more great services.

You will work in a team of skilled DevOps Engineers, providing DevOps capability to the Department For Education's [insert division]. You will be working with multi-disciplinary teams who deliver user-centred digital services for all of our users. Working in close collaboration with other engineers and software developers, you will ensure services are deployed continuously, monitored appropriately and are resilient and scaleable.

As a DevOps Engineer, you will be using the latest technologies and trends, whilst delivering working software early
and often.

**Technologies:**

The technologies you will be using as a DevOps Engineer within the [insert division] at DfE include:

* Kubernetes, Docker, Linux, Git, Github actions, Azure, Azure Devops, Ruby, Ruby on Rails, Powershell, Terraform,
  Prometheus, Grafana

**You will:**

* Help design and implement resilient, scaleable, highly available services
* Automate tasks, deployments, and tests by creating infrastructure as code
* Be a valued member of a team of DevOps engineers that provide technical support across a variety of GOV.UK digital products and services aimed at the teaching profession within England
* Work with our development community to ensure we build sustainable digital products
* Help the team create and sustain modern deployment standards, practices and techniques for our development and DevOps community
* Advocate user-centric, agile approaches which focus on rapid, effective delivery of high quality digital services
* Help build and maintain a diverse, inclusive culture across the DevOps community, growing awareness, inclusivity, and balance

**You'll have:**

We will assess you on the following criteria during the selection process. Should we receive a large volume of
applications, we will only assess your application on the first two essential criteria.

**Essential:**

* Experience with setting up services in public cloud using infrastructure as code
* Experience with troubleshooting web applications including low level issues in systems, networks, and databases
* Knowledge of software development or scripting, ideally with Bash, PowerShell, Terraform or similar
* Knowledge of Linux/Unix operating systems
* Understanding of networking and web application security including TCP, HTTP, DNS and SSL
* Experience of modern development workflows such as Git and CI/CD ideally using GitHub
* Enthusiasm for sharing knowledge, leading by example, mentoring others, and working in a diverse and inclusive multi-disciplinary agile team
* Experience with containerised applications and running them in an orchestrator, ideally Kubernetes