

## Senior DevOps Engineer

### About Carbonplace

Carbonplace is a global carbon credit transaction network that enables the simple, transparent, and secure transfer of certified carbon credits. Established by a group of banks committed to driving climate action at scale, Carbonplace is a crucial piece of infrastructure that will open the voluntary carbon market to the world.

Using blockchain-enabled distributed ledger technology, the platform's secure distribution network will allow secure, and traceable settlement of carbon credit transactions – including retirement of credits – with immediate transfer of ownership upon payment.

The platform will drastically enhance access to the voluntary carbon market by being available to millions of corporate customers from each member bank.

### The Role

This role will be to define and manage all aspects of the development and production infrastructure as part of an agile scrum team working to deliver the Carbonplace platform.

### Responsibilities include:

- Build and run production infrastructure
- Implement and support CI/CD pipelines
- Setup monitoring and tracking tools to support developer teams

On a daily basis you will be part of an agile, often multinational scrum team delivering high standard production software; defining the vision, enforcing best practice and training/coaching other members of the team.

### Job requirements

#### Required

- 5+ years' experience in Systems Engineering/DevOps role on Linux/Unix Systems
- Experience with microservices architecture orchestrated with Kubernetes
- Experience with Kubernetes and Docker
- Expertise with configuring and running a CI/CD platform such as Jenkins, GitLab-CI , Azure DevOps
- Expertise with a cloud environment such as Azure, AWS, or Google Cloud.
- Ability to lead a team of DevOps Engineers, define a vision and take action
- Experience with scaling secure infrastructures with no Single Point of Failure
- Experience with infrastructure automation such as Puppet, Ansible, Terraform, Cloudformation, ARM
- Understanding of the Twelve Factors and GitOps
- You should have experience working in an agile software development environment.
- Experience in SRE ( Site Reliability Engineering)

#### Desired Certification :

- Azure Certified : Cloud Administration, DevOps
- HashiCorp Certified : Terraform Associate
- CNCF Certified - Kubernetes Administrator (CKA)

#### Bonus points for

- Understanding of blockchain technology, especially Ethereum
- Experience in deploying blockchain infrastructures
- Experience with Kafka

## **Other skills to demonstrate**

- Excellent verbal and written communication in English
- Teamwork, flexibility, initiative, communication and organization
- Willingness to constantly learn, improve, and challenge yourself

## **Location & Commitment:**

- This is a full time contract role with potential opportunity to convert to permanent staff.
- The roll will require a mix of remote working and occasional in-person working on-site in central London.

## **Salary:**

- Competitive based on experience