

Stephen Catlow

Senior DevOps Engineer • Cloud Infrastructure & Automation • Infrastructure Auditor

stephen@catlow.io • linkedin.com/in/stephencatlow

Security Clearance: Held (level available upon request in secure discussion / interview).

Professional Summary

Results-driven Senior DevOps Engineer with extensive experience designing, implementing, and optimizing cloud-native infrastructure across AWS and Azure. Expert in Kubernetes & Docker orchestration, Terraform IaC, and robust CI/CD automation pipelines that ensure fast, secure, and reliable delivery.

Proven ability to automate complex deployments, resolve critical production issues through structured problem-solving, and improve operational efficiency in high-pressure environments. Strong focus on bridging dev and ops teams to deliver scalable, resilient systems with minimal downtime. Passionate about GitOps, observability, and continuous improvement in multi-cloud settings.

Actively leverages AI to increase productivity, generating/reviewing IaC code, accelerating debugging & root-cause analysis, predicting pipeline failures, and optimising resource usage, freeing capacity for strategic architecture and innovation.

Professional Experience

Home Office

Sep 2024 – Present

- Senior DevOps role supporting multiple concurrent projects
- Mentoring junior engineers in best practices and production deployments
- Authored Terraform modules to modernise existing infrastructure to IaC standards
- Deployed & managed containerised workloads on EKS clusters
- Utilised Azure Data Factory for data migration initiatives
- Deployed and managed PowerApps solutions
- Built CI/CD pipelines using Azure DevOps
- Managed IAM permissions and roles
- Provided diagnostic support and guidance to unblock project delivery
- Leveraging AI to build pipelines, write modules and speed up delivery

CACI

Apr 2022 – Sep 2024

- Worked across Azure and AWS environments
- Migrated workloads from on-premises to Azure
- Created, modified and deployed Terraform modules using Terragrunt
- Implemented CI/CD pipelines with GitHub Actions, Azure DevOps and GitLab
- Daily operations on Azure AKS and Amazon EKS
- Configured Azure Key Vault integration with Ansible playbooks
- Supported production environments including on-call duties
- Deployed performance testing suite using JMeter / BlazeMeter

Raytheon Systems Limited

Jul 2021 – Apr 2022

- Azure Cloud engineering and operations
- Authored and maintained Ansible playbooks
- Created and deployed Terraform modules
- Built CI/CD pipelines using GitHub Actions and Azure DevOps
- Managed Azure AKS clusters
- Integrated Azure Key Vault with Ansible
- Performed cross-subscription resource migrations
- Deployed infrastructure to multiple environments via Terraform

Lloyds Banking Group

Jun 2020 – Jul 2021

- IBM Cloud platform engineering
- Used IBM UrbanCode Deploy for CI/CD
- Deployed Kubernetes resources via Helm charts
- Built Jenkins pipelines for container image build & deployment to IBM ICP
- Configured Istio ingress/egress policies
- Managed secrets and certificates with HashiCorp Vault
- Worked with IBM DB2 databases

NBrown Service

Oct 2019 – Jun 2020

- Configured Kong API gateway endpoints and authorisation
- Managed GitLab CI/CD pipelines
- Deployed services on AWS ECS + Fargate
- Authored and deployed Docker containers
- Created Terraform modules for AWS infrastructure
- Collaborated on GitLab pipelines to build → ECR → ECS deployments
- Worked with PostgreSQL databases

ITV

Jul 2018 – Oct 2019

- Built infrastructure for two greenfield projects (junior role)
- Developed and versioned Terraform modules
- Created multi-environment Jenkins pipelines in Groovy
- Used Puppet for configuration standardisation
- Containerised microservices for future EKS migration

H.M Forces

Mar 2006 – Apr 2018

- Logistics support specialist
- Range qualified instructor (weapons handling & safety)
- Deployed on operations (Afghanistan, Northern Ireland, Belize, Germany)
- Navigation instructor

Certifications

- HashiCorp Certified: Terraform Associate (004)
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Fundamentals
- Linux Essentials (LPI)
- CompTIA Network+
- CompTIA A+
- ILM Level 4 Diploma in Leadership and Management
- Microsoft Certified: Azure Administrator Associate
- AWS Certified SysOps Administrator – Associate
- AWS Certified Solutions Architect – Associate
- Certified Kubernetes Administrator (CKA)