Stephen Catlow

Senior DevOps Engineer • Cloud Infrastructure & Automation • Infrastructure Auditor

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

Professional Summary

Senior DevOps engineer with a history of working across multiple cloud providers using various methods of deployments. Always adhering to IaC using primarily Terraform. More than happy to learn new tooling, currently learning AI agents and understanding how to leverage its use.

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)

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)

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