Adam Fordyce

Principal Platform Engineer | AWS, Kubernetes, HashiCorp Vault & Consul, Terraform | Critical Nationa

adamfordyce@me.com | United Kingdom

PROFILE

Hands-on platform engineering leader with 20 years in infrastructure. I'm currently technical lead for the core infrastructure platform on a UK public sector Critical National Infrastructure account of 150+ engineers, working across both strategy and day-to-day engineering.What I do:• Help shape the platform roadmap and contribute to architectural governance and technical review of major changes• Work across large multi-account AWS environments, running Kubernetes at scale for many teams• Lead major incident response across PKI, databases, Kubernetes, access and security• Standardise PKI, secrets and service discovery with HashiCorp Vault, AWS Private CA and Consul• Automate image builds, PKI and configuration to cut operational toil• Support early-career engineers through hiring, onboarding and technical bootcampsCore stack: AWS (networking, Route53, EKS), Kubernetes (kops, Karpenter), Terraform, Packer, Vault, Consul, Ansible (RHCE), Python, Go, Bash.Based in Scotland, working remotely with distributed teams and happy to travel on site whenever needed.

EXPERIENCE

Technical Lead, Core Infrastructure Platform Jan 2022 – Present

Capgemini · Edinburgh

Technical lead for the core infrastructure platform on a UK public sector Critical National Infrastructure account. The role has grown from leading a platform team to supporting technical governance and high-level design across a 150+ engineer account, including helping shape the statement of work with the client. • Member of the extended leadership team; represent platform engineering at governance forums and change advisory boards. • Help shape the platform roadmap and contribute to architectural governance and technical review of major platform changes. • Work across large multi-account AWS environments, running Kubernetes at scale for many teams. • Named technical owner for platform risks: identification, reporting and remediation tracking. • Lead hands-on response to major incidents across PKI, databases, Kubernetes, access and security. • Standardised PKI and service discovery patterns using Vault, AWS Private CA and Consul. • Lead platform modernisation through major upgrades and migrations across the HashiCorp stack, Terraform and Kubernetes. • Automated image rebuilds in response to security vulnerabilities, with safe promotion through environments. • Influenced scaling and cost-efficiency strategy, including adoption of Karpenter. • Reduced high-severity incidents through platform hardening and architectural improvements. • Mentor and coach engineers across the account. Early & Emerging Talent Lead (around a year, alongside the delivery role): led early-career engineering strategy for the Core Infrastructure practice, supporting hiring, onboarding and technical bootcamps, and partnering with Code First Girls, Code Your Future and AWS re/Start.

Senior Software Engineer May 2021 – Jan 2022

ION GEO · United Kingdom

Technical Specialist Aug 2016 – May 2021

ION Geophysical · Edinburgh, United Kingdom

Marine Products Team Leader Mar 2013 – Aug 2016

ION Geophysical

Product Specialist Jan 2011 – Mar 2013

ION Geophysical · Edinburgh, United Kingdom

Supporting ION Concept Systems range of integrated navigation products. Working within the support team. Mentoring and assisting junior team members with training and operational support.

Support Engineer / Senior Support Engineer
Feb 2008 – Dec 2010

ION Geophysical · Edinburgh, United Kingdom

To install, support and operate CSL's range of marine navigation, surveying and data processing products for worldwide Oil and Gas Exploration. Responsibilities include the installation, commissioning and support of complex computer systems and related hardware on marine seismic survey vessels in worldwide locations.

World Wide Support Engineer
Mar 2006 – Feb 2008

Telsis

Support of core network telecommunication platforms. As a world wide support engineer I partake in a range of support and project tasks. This can range from system builds, installations, configuration and integration. I also partake in major system upgrades on live platforms workng closley with customers and external vendors. This role is highly customer facing and can involve a large amount of travel.

Autism Practitioner
Jan 2005 – Feb 2006

The Scottish Scociety for Autism · Scotland

As an Autism practitioner I provided a high level of care and support to children and young adults affected by Autism. I also worked helped prepare young adults for independent living in the community.

CERTIFICATIONS & ACCREDITATIONS

Cilium Cluster Mesh
Issued Oct 2025

Isovalent

https://www.credly.com/badges/195ccdcc-65bf-4ea2-8d58-63739eddd7c6/linked_in_profile

Red Hat Certified Engineer (RHCE)
Issued Feb 2024 · Expires Feb 2027

Red Hat

Credential ID: 230-108-102

https://www.credly.com/badges/2b075153-d313-49d6-a361-e32816e55125/linked_in_profile

Managing Talent
Issued Sep 2023

University of Michigan

Credential ID: XGS8SX8BUSXB

https://www.coursera.org/account/accomplishments/certificate/XGS8SX8BUSXB

Red Hat® Certified System Administrator (RHCSA®)
Issued Jul 2023 · Expired Jul 2026

Red Hat

https://www.credly.com/badges/b0877cfc-6fcb-430b-acaf-5d763c324f98/linked_in_profile

HashiCorp Certified: Terraform Associate (003)
Issued Apr 2023 · Expired Apr 2025

HashiCorp

https://www.credly.com/badges/59a41e18-78b7-4d13-aec5-8f984b1e8c62/linked_in_profile

Cloud Computing Basics (Cloud 101)
Issued Jan 2022

Coursera

Credential ID: C8DCXC94ZMS9

https://www.coursera.org/account/accomplishments/certificate/C8DCXC94ZMS9

EDUCATION

BEng Applied Electronic Design (The Open University, in collaboration with Bell
2002 – Jun 2005

Bell College

BEng awarded June 2005 by The Open University in collaboration with Bell College of Science & Technology (now part of the University of the West of Scotland). Also HND (2004) and HNC (2003) in Electronic and Electrical Engineering, Bell College.

SKILLS

24/7 Operations, Amazon Web Services (AWS), Awk, Bash, Commissioning, Computer Hardware, Configuration Management, Data Acquisition, Engineering, GPS, Gator Integrated Navigation System, Hardware, Infrastructure as code (IaC), Integration, Kubernetes, Linux, Management, Mentoring, Microsoft Excel, Multi Azimuth Survey Acqusition, Navigation, OTRS, Offshore Multi Vessel Radio Configuration, Oil & Gas, Oil & Gas Exploration, Orca Integrated Navigation System, Perl, Petroleum, PostgreSQL, Professional Mentoring, Programming, Project Management, RAID, Red Hat Linux, Reflex, SQL, Seismic Survey Acquisition Planning and Analysis, Software Installation, Sprint, TCP/IP, Talent Management, Teamwork, Technical Support, Telecommunications, Testing, Towed EM Survey Acqusition, Troubleshooting, Unix, Upstream, XML