

# Noah Frost

AI Infrastructure Engineer | DevSecOps | Cloud Platforms |  
Terraform & Kubernetes

🇬🇧 British 📍 United Kingdom (Open to immediate relocation to UAE)

📄 Requires employer sponsorship ✉ REDACTED ☎ REDACTED

🌐 <https://www.linkedin.com/in/nfroze> 🐙 [github.com/nfroze](https://github.com/nfroze)

🔗 [noahfrost.co.uk](https://noahfrost.co.uk)



## 👤 Personal Statement

In a market where technology changes faster than people can specialise, I don't specialise — I adapt. Built 20 cloud infrastructure projects independently over 8 months across AWS, Azure, and GCP. No mentor. No team. No templates. Designed my own curriculum, architected every solution from scratch, and documented everything publicly.

The projects demonstrate technical range. How I built them demonstrates something more valuable: I can learn anything fast, without supervision, and deliver. Problem decomposition, systems thinking, judgment, creativity, and the discipline to work 12-hour sessions until the problem is solved — these are the skills AI cannot replace.

I partner with AI as a cognitive tool, not a crutch. Strategic direction stays with me. Execution gets amplified. The result: compressed learning cycles and rapid delivery in unfamiliar domains.

DevSecOps foundations from CISO-led training. Security integrated from day one. Former Police Constable — I operate under pressure and make decisions when the stakes are high.

Certifications earned through hands-on project work: AWS Cloud Practitioner, CompTIA Security+, HashiCorp Terraform Associate.

Available for immediate relocation to the UAE.

## 🧠 Skills

**Cloud Platforms:** AWS (EC2, S3, IAM, RDS, Lambda, EKS, ECS, CloudWatch, GuardDuty), Azure, GCP

**Infrastructure as Code:** Terraform, Ansible, Helm

**Container Orchestration:** Kubernetes, Docker

**CI/CD & GitOps:** GitHub Actions, Jenkins, GitLab CI, ArgoCD

**Security & Compliance:** Checkov, Trivy, Semgrep, Gitleaks, OPA Gatekeeper, Sentinel

**Observability:** Prometheus, Grafana, ELK Stack, Datadog, Splunk

**Languages:** Python, Bash, HCL

**AI/ML Tooling:** MLflow, Model Context Protocol (MCP)

## 🔗 What Drives Me

My biggest fear is being wrong and not knowing it. That's what's behind everything I build — research over assumption, evidence over ego, accountability over pride. Build fast. Fail faster. Admit defeat before anyone has to tell me.

## Professional Experience

### Independent Cloud Infrastructure Engineering

11/2024 – Present | Remote

Designed and executed 20 cloud infrastructure projects using a systematic methodology: research, design, build, validate, iterate. All work publicly documented on GitHub.

#### Key Projects:

**Multi-Cloud Orchestration (AWS, Azure, GCP)** Deployed infrastructure across three cloud providers using Terraform with Ansible configuration management and Datadog monitoring. Implemented GitHub Actions workflow for automated provisioning and configuration drift detection.

**AI Developer Platform** Architected Internal Developer Platform using Backstage on hybrid AWS EKS/ECS with MLflow for ML model lifecycle management. Implemented ArgoCD GitOps workflow with Helm chart deployments.

**AI Governance Framework** Deployed policy enforcement framework using HCP Terraform Sentinel policies and OPA Gatekeeper on AWS EKS. Established automated policy-as-code enforcement for compliance validation.

**Model Context Protocol Implementations** Built four MCP server implementations: Kubernetes operations on EKS, IaC security analysis, AWS GuardDuty integration, and Slack automation. Each integrated with security scanning pipelines (Checkov, Semgrep, Gitleaks, Trivy).

**DevSecOps Pipeline** Deployed Node.js application to Amazon EKS with automated security scanning throughout CI/CD pipeline. Provisioned AWS infrastructure using Terraform including GuardDuty threat detection and SIEM integration.

**Observability Stack** Implemented ELK Stack on AWS with Prometheus and Grafana for comprehensive monitoring and alerting.

### DevSecOps Bootcamp, Cyber Agoge

09/2024 – 11/2024 | Remote

Intensive 6-week DevSecOps programme led by Global CISO with KPMG, BAE Systems, and UK Government background. Established security-first foundations and shift-left methodology applied to all subsequent infrastructure work.

### Police Constable, Metropolitan Police

02/2022 – 09/2023 | London, UK

Developed systematic approach to complex problem-solving under pressure. Built capability to process information rapidly, make decisions with incomplete data, and communicate clearly across diverse stakeholders in high-stakes situations.

## Certifications

CompTIA Security+

AWS Certified Cloud Practitioner

HashiCorp Certified: Terraform Associate

AWS Certified Solutions Architect – Associate – IN PROGRESS

## Education

### Law (Criminal Justice) LLM, Northumbria University

09/2023 – 2024

Final term paused

### Criminology BSc (Hons), University of Chester

09/2016 – 09/2020