

Noah Frost DevSecOps Engineer

✉ REDACTED ☎ REDACTED 📍 Newcastle upon Tyne 🔗 noahfrost.co.uk

🌐 <https://www.linkedin.com/in/nfroze> 🐙 github.com/nfroze

🧠 Skills

Cloud: AWS (EC2, S3, IAM, RDS, Lambda, EKS, ECS, CloudWatch)

Containers: Docker, Kubernetes, Helm

CI/CD: Jenkins, GitLab CI, GitHub Actions

IaC: Terraform, Ansible

Languages: Python, Bash, YAML

Operating Systems: Linux

Databases: PostgreSQL, DynamoDB

Monitoring: Prometheus, Grafana, ELK Stack

👛 Professional Experience

DevOps Skills Development, Self-Directed Learning

02/2025 – Present | Remote

- Completed 20 hands on projects covering enterprise CI/CD, serverless, and observability
- Built implementations using Jenkins, GitLab CI, Lambda, Kubernetes, Terraform, and ELK Stack
- Configured multi-environment pipelines, serverless architectures, and monitoring solutions
- Full portfolio with documentation and working demos: noahfrost.co.uk 📄

Police Constable, Metropolitan Police

02/2022 – 09/2023 | London, UK

- Held RV/CTC security clearance required for sensitive government and infrastructure roles
- Developed analytical and incident response skills directly applicable to DevSecOps

📁 Key Projects

Project 13: CI/CD Pipeline Comparison

- Built 3 Jenkins pipelines and 3 GitLab CI workflows for comparison
- Automated infrastructure provisioning with Ansible playbooks across 6 EC2 instances (dev/staging/prod)
- Integrated SonarQube, pytest, and PostgreSQL RDS with automated backups
- Documented migration strategies and tool comparisons for enterprise scenarios

Project 14: Serverless Architecture

- Built 12 AWS Lambda functions handling CRUD operations for e-commerce platform
- Designed Step Functions workflows orchestrating order processing with 15+ state transitions
- Configured API Gateway with 20+ endpoints, DynamoDB tables, and EventBridge rules
- Deployed infrastructure across 3 environments using Terraform modules

Project 15: Observability Stack

- Deployed 3-node Elasticsearch cluster on Kubernetes with Logstash and Kibana
- Configured Fluentd DaemonSet for log collection with 10+ parsing rules
- Created 15+ Kibana dashboards and visualizations for log analysis
- Implemented index lifecycle management with retention policies and alerting

Full 20 project portfolio at noahfrost.co.uk

Certificates

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