

# Noah Frost DevSecOps Engineer

✉ REDACTED ☎ REDACTED 📍 Newcastle upon Tyne 🔗 [noahfrost.co.uk](https://noahfrost.co.uk)

🌐 <https://www.linkedin.com/in/nfroze> 🐙 [github.com/nfroze](https://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](https://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 portfolio at [noahfrost.co.uk](https://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