

# Noah Frost

## DevSecOps Engineer



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DevSecOps Engineer with 20 production-grade projects built in 8 months through intensive self-directed learning. Completed DevSecOps bootcamp led by Global CISO (KPMG, BAE Systems, UK Government), then applied AI-accelerated methods to build real infrastructure across AWS, Azure, and GCP. Background as Metropolitan Police officer brings security clearance eligibility, incident response instincts, and threat assessment experience. AWS, Security+, and Terraform certified.

### Skills

**Cloud Platforms:** AWS (EKS, Lambda, S3, CloudFront, GuardDuty, EventBridge), Azure, GCP

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

**Container Orchestration:** Kubernetes, Docker, Helm, ArgoCD, Amazon EKS, Amazon ECS

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

**Security Tools:** Checkov, Trivy, Semgrep, Gitleaks, OWASP ZAP, GuardDuty, OPA Gatekeeper, Sentinel

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

**Languages:** Python, Bash, JavaScript, Node.js

### Professional Experience

#### DevSecOps Engineer, Self-Directed Project Work

02/2025 – Present | Remote

Built 20 production-grade cloud infrastructure projects through AI-accelerated learning. Used LLMs to understand documentation and debug configurations, then implemented and validated everything hands-on.

- **Multi-Cloud Orchestration:** Eliminated vendor lock-in by building infrastructure that deploys to AWS, Azure, or GCP with one workflow. Terraform, Ansible, Datadog, GitHub Actions.
- **AI Developer Platform:** Cut developer onboarding time from weeks to hours by centralizing services, documentation, and deployments. Backstage, AWS EKS/ECS, MLflow, ArgoCD, Helm.
- **DevSecOps Pipeline:** Shifted security left — integrated scanning at every CI/CD stage to catch vulnerabilities before production. EKS, Checkov, Trivy, Semgrep, GuardDuty, Splunk.
- **AI Governance Framework:** Enforced ML compliance automatically — blocked unapproved models before deployment. Terraform Sentinel, OPA Gatekeeper, EKS.
- **Automated Incident Response:** Reduced response time from hours to seconds — threat detected, server isolated, team notified automatically. MCP, GuardDuty, EventBridge, Lambda, Slack.
- **GitOps & Observability:** Implemented ArgoCD workflows where changes deploy automatically and rollback with a commit. Deployed ELK Stack, Prometheus, Grafana for centralized monitoring.

15 additional projects with full source code: [github.com/nfroze](https://github.com/nfroze) ↗

## **DevSecOps Bootcamp, Cyber Agoge**

09/2024 – 11/2024 | Remote

Intensive DevSecOps training led by Global CISO with experience at KPMG, BAE Systems, and UK Government.

- Completed hands-on training in secure CI/CD pipeline design, container security, and cloud security architecture
- Developed threat models using STRIDE framework and MITRE ATT&CK mapping for enterprise scenarios
- Implemented security scanning toolchains including SAST, DAST, SCA, and secrets detection

## **Police Constable, Metropolitan Police**

02/2022 – 09/2023 | London, UK

Frontline response officer with security clearance eligibility and direct experience in incident response, threat assessment, and high-pressure decision-making.

- Responded to critical incidents as first on scene — made immediate risk assessments and coordinated multi-agency response under time pressure
- Conducted threat and vulnerability assessments, documenting findings and implementing safeguarding measures
- Led investigations requiring systematic evidence gathering, analysis, and detailed reporting for legal proceedings
- Maintained operational effectiveness during high-pressure situations including violent incidents, mental health crises, and major public events

## **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

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

09/2016 – 09/2020