

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.

Additional projects with full source code: 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