

NOAH FROST - Newcastle, UK | Noahfrost@outlook.com

LinkedIn: <https://www.linkedin.com/in/noahfrost-devsecops/> **GitHub:** <https://github.com/nfroze/nfroze>

PROFESSIONAL SUMMARY

Security+ certified DevSecOps Engineer with hands-on experience building secure CI/CD pipelines, cloud infrastructure, and automated security tooling with enterprise documentation standards. Unique background combining law enforcement investigation skills with self-taught technical expertise in security automation and cloud cost optimization. Invested 6+ months building enterprise-grade production systems independently, mastering complex integrations through persistent self-directed learning.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EKS, EC2, VPC, IAM, GuardDuty, CloudWatch, Lambda), Kubernetes, Docker, Terraform

Security & Monitoring: DevSecOps, SAST/DAST (Semgrep, OWASP ZAP), Container Security, Secrets Scanning (Gitleaks), SIEM (Splunk), Threat Modeling, OSINT, Trivy, Checkov, GitOps (ArgoCD), Prometheus, Grafana

Languages & Tools: Python, JavaScript, Node.js, Express.js, Bash, Linux, GitHub Actions, CI/CD, Git, Helm

Development: API Integration, Chrome Extensions, Full-Stack Development, Rapid Prototyping, Agile Methodologies

Practices: Security Automation, Infrastructure Security, Kubernetes Security Policies, Cost Optimization, GitOps

CERTIFICATIONS

- CompTIA Security+ (2025)
- AWS Certified Cloud Practitioner (2025)

KEY PROJECTS - 12 production systems built independently over 3 months - Full details at github.com/nfroze

Project 9: GitOps with ArgoCD & Monitoring

- Implemented production-grade GitOps workflow with ArgoCD for continuous deployment on AWS EKS
- Deployed Prometheus/Grafana monitoring stack via Helm charts achieving full cluster observability
- Troubleshoot complex CRD deployment issues, demonstrating real-world debugging skills
- Delivered complete infrastructure from zero to production in ~1 hour for ~\$1, proving cost-effective cloud learning

Project 5: End-to-End DevSecOps Transformation

- Built AWS EKS DevSecOps pipeline with 100% Terraform IaC and full SDLC security automation
- Engineered custom Python Lambda functions to stream GuardDuty events to enterprise Splunk SIEM in real-time
- Achieved sub-5 minute automated deployments with comprehensive security validation
- Integrated 5-tool security stack (Semgrep, Trivy, Gitleaks, OWASP ZAP, Checkov) with automated gatekeeping

Additional Projects:

- **Projects 8, 10, 11, 12:** Cutting-Edge MCP Implementations - Pioneered 4 Model Context Protocol integrations: Slack assistant for team insights, automated security incident response analysing 362 GuardDuty findings in 30 seconds, IaC remediation transforming 4 hours of manual Terraform fixes into instant AI-powered solutions, and world's first Kubernetes MCP enabling natural language cluster operations
- **Project 7:** Live vulnerability assessment and responsible disclosure on major UK gaming platform
- **Project 6:** Full-Stack Chrome Extension with AI integration built in under 8 hours
- **Project 4:** Enterprise threat modeling with STRIDE/MITRE ATT&CK frameworks
- **Projects 1-3:** Foundation - Secure CI/CD, container security on ECS, and Terraform/Checkov IaC automation

EXPERIENCE

DevSecOps Engineer Training | Cyber Agoge | 2024-Present

- Completed intensive bootcamp under CISO mentorship
- Gained hands-on experience with enterprise security tools

Police Constable | Metropolitan Police | 2022-2023

- Developed strong analytical and investigative skills applicable to security incident response
- Demonstrated ability to work under pressure and make critical decisions
- Maintained detailed documentation and reports for legal proceedings
- Security clearance eligible based on previous vetting

EDUCATION

Master of Laws (LLM) | Criminal Law | Northumbria University | 2023-2024

Bachelor of Science | Criminology | University of Chester | 2016-2020