ASHER BEST

DevSecOps Engineer · Shift-Left Security · Secure CI/CD & Cloud Infrastructure

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SUMMARY

DevSecOps engineer with 7+ years embedding security into the full software delivery lifecycle across AWS and GCP environments. Proven ability to build secure CI/CD pipelines, enforce compliance frameworks (SOC2, NIST, CIS), and own cloud security posture without slowing down delivery. Holds CompTIA CySA+ and Security+ certifications. Treats security as a first-class engineering concern — shifted left into code review, infrastructure provisioning, and observability — not bolted on at the end.

CERTIFICATIONS

CompTIA CySA+ (Cybersecurity Analyst) · **CompTIA Security+** · **CompTIA Network+** · **CompTIA A+** · *2022*

Collin College Cybersecurity Infrastructure Technician · **Collin College Information Systems Cybersecurity** · *2025*

EXPERIENCE

Director of DevOps · Tempo *2023 – Present*

- Embedded security into CI/CD pipelines across 16 repositories — implementing peer-reviewed pull requests, pre-commit hooks for secrets detection, secrets management, SAST/SCA with CodeQL and Snyk, and AI-assisted code review via GitHub Copilot and Atlassian Rovo Dev to catch vulnerabilities at the earliest possible stage of the development lifecycle.
- Provisioned and managed cloud infrastructure with Terraform using a secure-by-default approach: enforced least-privilege IAM policies, eliminated manual configuration drift, and maintained environment parity between sandbox and production across AWS and GCP.
- Built Grafana security compliance dashboards integrating CloudWatch, CloudTrail, and Google Logging — providing continuous, real-time visibility into access patterns, compliance drift, and anomalous activity across production environments.
- Owned SOC2, NIST, and CIS compliance posture end-to-end: enforced benchmarks, managed IAM architecture, and maintained audit-ready documentation across all cloud environments.
- Led enterprise-wide migration from Avaya to Amazon Connect, architecting telephony sandbox environments with Terraform — maintaining 99.99% uptime while enforcing security controls throughout the transition.
- Drove Agile adoption and CI/CD culture for a 5-engineer team — reducing production defects by 19% through systematic peer review, automated testing gates, and a 2-year DevOps roadmap with security milestones built in.
- Executed enterprise CRM consolidation into Salesforce and AWS with security-first design: enforced data segregation, role-based access controls, and audit logging across all migrated systems and workflows.

Senior Application Developer · Tempo *2021 – 2023*

- Designed, developed, and secured REST API endpoints and microservices handling sensitive customer data — built with Python, Node.js, Google Cloud Run Functions, and AWS Lambda — with authentication, authorization with OAuth 2.0 protocol, and input validation enforced at every layer.
- Built automated deployment pipelines with security gates, reducing risk from manual releases and enforcing consistent, hardened configuration across all environments.

Web Developer / Business Analyst · US-EcoLogic *2019 – 2021*

- Developed a secure customer-facing web application on Google App Engine — React, Apollo GraphQL, GCP Datastore — with access controls, automated deployment via Docker and Cloud Build, and data validation throughout.

- Built SQL-powered dashboards and Power BI reports surfacing operational risk metrics and compliance-relevant data for leadership decisions.

TECHNICAL SKILLS

Shift-Left Security: pre-commit hooks, SAST and SCA (CodeQL, Snyk), DAST (OWASP ZAP), AI-assisted code review (GitHub Copilot, Atlassian Rovo Dev), secrets management, peer-reviewed PRs, security gates in CI/CD

CI/CD & Pipeline Security: GitHub Actions, Bitbucket Pipelines, Cloud Build, AWS ECR, Docker image hardening, environment parity, automated testing

Cloud Security & IAM: AWS (IAM, EKS, EC2, Lambda, Connect), GCP (App Engine, Cloud Run, BigQuery) — least-privilege access, posture management, RBAC, network policies

Infrastructure as Code: Terraform, CloudFormation — secure provisioning, drift detection, sandbox/production parity

Compliance Frameworks: SOC2, NIST, CIS Benchmarks, Zero Trust principles, audit documentation

SIEM & Observability: Grafana (security compliance & APM), Splunk, CloudWatch, CloudTrail, Google Cloud Logging, anomaly detection, alerting

Containers & Orchestration: Kubernetes (EKS, GKE), Docker — image hardening, RBAC, network segmentation

Networking & Edge: VPC, VPN tunneling, OpenWrt, Cisco IOS, wireless security, edge computing

Languages: Python, Node.js, Bash/Shell scripting, SQL, React

SIDE PROJECTS

Raspberry Pi Wireless Router with VPN Tunneling *2024*
Configured a Raspberry Pi as a hardened wireless router with VPN tunneling using Bash and OpenWrt — demonstrating practical network security, traffic isolation, and edge infrastructure skills.

Next.js App — Secure CI/CD on Kubernetes (EKS) *2025*
AWS EKS-hosted Next.js application with a fully automated, security-conscious CI/CD pipeline using GitHub Actions, Docker, and AWS ECR — including image scanning and environment-scoped deployments.

Galaxy Detector Neural Network *2026*
Built a binary classification neural network from scratch with NumPy and PyTorch — exploring ML-based signal detection techniques applicable to anomaly detection and threat identification problems.

EDUCATION

A.A.S., Information Systems Cybersecurity · Collin College *May 2026*
B.S., Computer Science · Texas State University *In Progress — Est. 2030*