Christopher Corbin

Cloud Infrastructure Developer & Security Engineer

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Location: Barbados | Open to relocation

PROFESSIONAL SUMMARY

AWS-certified Cloud & Security Engineer with a record of deploying multi-stack secure architectures using AWS CDK and Terraform, aligned to AWS Well-Architected best practices. Strengthened enterprise security across a 14-account AWS organization with 2,000+ resources by hardening container images, automating patching, and remediating 500+ CVEs within 30 days—reducing manual effort by 60% and lowering costs. Achieved SOC 2 compliance with a 97.2% audit score and zero critical findings; implemented CI/CD pipelines (GitHub Actions) and production-grade workloads (Docker, ECS, serverless) to accelerate releases and improve resilience.

PROFESSIONAL EXPERIENCE

Cloud Infrastructure Developer
Jan 2026 – Present

GovTech Barbados – Barbados

- Design, provision and maintain secure, scalable cloud infrastructure for public sector digital services using infrastructure-as-code (Terraform, AWS CloudFormation)
- Build and manage CI/CD pipelines with GitHub Actions, automating deployments and enabling fast, secure releases for government services
- Implement infrastructure security best practices including IAM policies, secrets management, and network access controls
- Configure monitoring, alerting and logging (CloudWatch, X-Ray) to support reliable service operations and operational visibility
- Develop reusable platform components and infrastructure patterns following modern software development principles
- Lead infrastructure setup, deployment strategies, and technical guidance for multidisciplinary digital delivery team

AWS SysOps / Cloud & Security Engineer
Feb 2025 – Dec 2025

Protexxa – Remote

- Lead Technical Engineer on Amazon Connect deployment across 3 AWS regions, improving customer response times by 35% for 1,000+ users
- Managed 14 AWS accounts with 2,000+ resources supporting public-facing workloads
- Achieved SOC 2 compliance (97.2% audit score, zero critical findings) and influenced C-suite investment decisions
- Optimized EC2/RDS workloads, saving 20% cloud spend (~$150K annually)
- Automated patching pipelines (Linux, Windows) with SSM, cutting manual effort by 60%
- Remediated 500+ CVEs in under 30 days

Technical Guide & Operations
Jul 2021 – Present

TORE Barbados – Barbados

- Delivered technical guidance for off-road tours, ensuring safety and smooth operations
- Designed and led team-building events, improving collaboration and satisfaction
- Reduced equipment downtime by 20% through proactive maintenance

Apple Representative
Oct 2021 – Sep 2024

iShop – Barbados

- Delivered customer education and technical support for Apple devices
- Conducted product demonstrations and workshops
- Acted as liaison for escalated technical cases

CORE TECHNICAL SKILLS

Cloud Platforms & Services
AWS (EC2, S3, RDS, VPC, IAM, Lambda, ECS, ECR, Systems Manager, Inspector, CloudFormation, CDK, Elastic Beanstalk), Multi-account management (14 accounts, 2,000+ resources), Azure Security

Security & Compliance
SOC 2, NIST CSF, CIS Benchmarks, PCI DSS, GDPR alignment, Container hardening, Vulnerability management (500+ CVEs), Patch automation (SSM)

DevSecOps & IaC
AWS CDK (multi-stack), CloudFormation/SAM, Terraform (modular IaC), GitHub Actions CI/CD, Docker, ECS, Kubernetes, Serverless (Lambda, API Gateway, DynamoDB, Step Functions)

Programming & Scripting
Python, Bash, PowerShell, Infrastructure automation, Security scripts, ML integration

SELECTED PROJECTS

SOC2 ML Image Analyzer
Enterprise-grade ML image analysis system with SOC 2 compliance, containerized workflows, and automated security scanning achieving sub-5 minute deployments.

Cloud-Native Task Management System
Built multi-stack infrastructure (EC2, RDS, S3, IAM) with AWS CDK demonstrating IaC best practices and Well-Architected principles.

Secure Moodle LMS Deployment
Designed Moodle LMS with VPC, ALB, Aurora MySQL, and Systems Manager automation for enterprise educational platform.

EDUCATION & CERTIFICATIONS

BSc Computer Science
University of the West Indies, Cave Hill

AWS Solutions Architect – Associate
Amazon Web Services (2025)

CompTIA Security+ ce
CompTIA (2024)

Cybersecurity Analyst Certificate
CyberNations & George Brown College (2024)

Cisco Networking & Cybersecurity Badges
Cisco (2024)

AWS DevOps Engineer – Professional
In Progress