

Chris Chambers

Cloud Security Engineer · R.T.(R) ARRT · M.S. Cybersecurity

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PROFILE

Cloud security engineer with over a decade of clinical healthcare experience across radiology, MRI, CT, and emergency departments, combined with hands-on compliance automation and AWS infrastructure engineering. Built the Compliance Engineering Platform: five production systems covering policy-as-code enforcement, automated audit evidence collection, HIPAA gap remediation, continuous security monitoring, and zero trust credential elimination. Brings a perspective on regulated data protection that is grounded in the clinical environments the controls are built to protect.

EXPERIENCE

Radiologic Technologist · QA · Epic Super User

Jul 2023 – Present

Memorial Sloan Kettering Cancer Center · New York, NY

- Serve as Epic Super User, governing clinical data access controls and improving system adoption across departments
- Document and enforce compliance procedures aligned with DOH, HIPAA, and ACR regulatory standards
- Maintain audit trails and logs for quality control, supporting regulatory audits and compliance reporting
- Coordinate departmental policy updates to ensure adherence to risk and safety requirements
- Oversee governance of imaging software, ensuring secure configurations and access controls

Radiologic Technologist

Nov 2016 – May 2022

Englewood Hospital and Medical Center · Englewood, NJ

- Supported compliance initiatives in intraoperative environments through policy adherence and technical documentation
- Maintained accurate patient data across imaging systems (PACS, RIS) in a regulated clinical environment

Compliance Engineering Platform

↗ Live
platform

↗ GitHub

End-to-end compliance automation platform across AWS and GCP. Five production systems built from 11 labs covering policy-as-code enforcement, automated evidence collection, HIPAA gap remediation, continuous security monitoring, and zero trust credential elimination. Every system has a live interactive demo.

14 HIPAA control gaps identified and closed before audit. 94% reduction in policy violations reaching production. Audit prep reduced from 3 weeks manual to automated same-day collection. Mean time to detect configuration drift dropped from weeks to under 2 hours.

- Compliance guardrails pipeline: OPA/Rego policy gates blocking IaC misconfigurations at pull request time. Every violation mapped to NIST 800-53 control reference.
- Automated audit evidence pipeline: OIDC-authenticated collection, Cosign keyless signing, S3 Object Lock WORM vault with 7-year retention.
- HIPAA gap remediation engine: Macie PHI detection, SCP-enforced public exposure prevention, Lambda auto-remediation in under 60 seconds.
- Cloud security baseline automation: GuardDuty, Config, and Security Hub continuous monitoring replacing quarterly point-in-time reviews.
- Zero trust credential elimination: OIDC and GCP Workload Identity Federation replacing all long-lived credentials across AWS and GCP pipelines.



Cloud Resume Challenge

↗ Live
site

↗
GitHub

Full-stack serverless resume deployed on AWS. S3 and CloudFront frontend with ACM certificate and WAF protection. Lambda and DynamoDB visitor counter. Infrastructure defined as code with Terraform and deployed via GitHub Actions CI/CD pipeline.

Production site live at [chamb.dev](#). Zero-downtime deploys with CloudFront cache invalidation on every push to main.

S3

CloudFront

ACM

WAF

Lambda

DynamoDB

API Gateway

Terraform

GitHub Actions

Python

SKILLS

Compliance and GRC HIPAA · NIST 800-53 · ISO 27001 · PCI DSS · OPA / Rego · Conftest · OSCAL · Cosign · Policy-as-Code · Risk Management · Audit Evidence	AWS Security GuardDuty · Macie · Security Hub · AWS Config · CloudTrail · IAM · SCP · S3 Object Lock · WAF · KMS · EventBridge · Lambda
Cloud and Infrastructure S3 · CloudFront · API Gateway · DynamoDB · ACM · Route 53 · CloudWatch · GCP WIF · GCP KMS · Terraform · GitHub Actions · OIDC	Development and DevOps Python · Bash · Git · CI/CD · Linux · Active Directory · React · TypeScript
Healthcare IT Epic Super User · PACS · RIS · HIM · HL7 · DICOM · DOH · ACR	Security Engineering Incident Response · Digital Forensics · Network Security · Cryptography · Zero Trust · Vulnerability Management

EDUCATION

- M.S. Cybersecurity

Thomas Edison State University · Trenton, NJ · May 2025

Cryptography · Forensics · Risk Management · Network Defense · OS Security · Governance
- B.S. Diagnostic Imaging Sciences

Rutgers University · Newark, NJ · May 2020

PACS/RIS/HIM · HL7 · DICOM · Project Management

A.A.S. Radiologic Sciences

Bergen Community College · Paramus, NJ · August 2016

CERTIFICATIONS

R.T. (R) · ARRT	Active
AWS Cloud Practitioner	In Progress
AWS Security Specialty	Planned