

Sarai Rosenberg

Infrastructure Security Manager

hi@sar.ai

Education

Haverford College: B.S. with Honors in Mathematics

Writing

- ▶ Managing in the Margins: [mitm.blog](#)
- ▶ [Explicit Expectations: Leadership by Example](#)
- ▶ [Benchmarking & Performance Management](#)
- ▶ [Should I Hash Private Data?](#)
- ▶ [Key Material security blog: Stupid TLS Facts](#)

Employment

Manager, Cloud Security

Netflix: June 2023 – January 2026

- ▶ **Scope:** Responsible for Netflix's cloud security posture, from secure defaults for cloud resources to IAM ABAC & RBAC strategy & operations via IaC. Maintains over 60 critical software tools for IAM lifecycle, account lifecycle, & asset visibility, including OSS [ConsoleMe](#).
- ▶ Scaled increased operations load without firefighting
- ▶ Grew Cloud Security into 2 teams of 12 reports
- ▶ Developed and executed a Cloud Security org vision to scale into novel anticipated needs
- ▶ Responsible for AWS relationship with security org, successfully influenced AWS to address pain points with new features and changes
- ▶ Created cross-functional visibility and proactive engagement that transformed cloud security operations from reactive to strategic
- ▶ Rebuilt alignment between security and engineering leading to landing shared goals enabling business investments in platform infra & GenAI infrastructure

Senior Security Partner & Infra Squad Lead

Netflix: October 2020 – June 2023

- ▶ Led Netflix CDN security, including bare metal deployments for streaming, Live, and Cloud Gaming
- ▶ Identified and executed on high-leverage risk reduction opportunities
- ▶ Rebuilt trust in strained relationships to buy security a chair at the table
- ▶ Wrote threat models, security strategies, and gap analyses to motivate prioritization of security capability roadmaps for new infrastructure
- ▶ Designed strategic cryptographic controls for data protection in tandem with detection canaries
- ▶ Cross-functional collaboration with stakeholders across infosec, multiple engineering orgs, legal, program management, and product management
- ▶ On-call for Product Security Incident Response

Leadership Skills

- ▶ Building relationships & resolving conflict
- ▶ Building compassionate security culture
- ▶ Building mentorship programs
- ▶ Communicating risk to influence decisions
- ▶ Inclusion, Diversity, and Equity

Software & Infrastructure Skills

- ▶ Threat modeling & threat detection
- ▶ Software development & resilience
- ▶ Cloud infrastructure, IaC, DevOps

Security Skills

- ▶ AWS IAM, RBAC, ABAC
- ▶ CDN & bare metal infrastructure security
- ▶ Threat Modeling, Threat Detection, Incident Response, PKI, Secret Management

Security Engineer

PagerDuty: April 2018 – October 2020

- ▶ Chef, Terraform, AWS, IAM, vulnerability management, asset inventory, incident response
- ▶ Launched squad-based peer mentorship program, resulting in a higher rate of URM promotions
- ▶ As Infrasec Tech Lead, increased Vault secret management uptime 99.2 to 99.99%
- ▶ Designed and built PKI (x509 TLS certificate management with RBAC for microservices)
- ▶ Led STRIDE/DREAD risk assessment exercises

Security Analyst & Implementation Manager

Agiloft: January 2015 – October 2016

- ▶ Managed implementation team, building business management systems to customer needs
- ▶ Advised on product security changes, cipher suite changes, and upgrading deprecated technologies
- ▶ Managed security documentation, training, and third-party audits, including NASA
- ▶ Led team calls with customer IT and security on configuring granular access control and SSO

Speaking Experience

[Power Dynamics in Security Leadership:](#)

a legato leitmotif lullaby on leading lightly and luminously

- ▶ 2026: BSidesSF

[Mind the Gap: Career growth & management for security engineers](#)

- ▶ 2025: [BSidesSF](#)

Threat Modeling: bootstrapping an attacker mindset for secure software development

- ▶ July 2019: PagerCon SF and Toronto