

Samuel Berhe

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EDUCATION

Georgia Institute of Technology – M.S. in Cybersecurity Aug. 2025 – Aug. 2027
Concentration: Information Security | GPA: 3.75

George Mason University – B.S. in Information Technology Aug. 2019 – May 2023
Concentration: Cybersecurity | Minor: Business | GPA: 3.8 | 7X Dean's List

EXPERIENCE

Cloud Security Engineer II | Humana | Remote / Arlington, VA Jul. 2023 – Present

- Reviewed and analyzed Humana enterprise cloud blueprints (Azure/GCP) to identify configuration gaps and translate requirements into enforceable security controls.
- Developed Azure and GCP security policies to enforce provisioning-time standards for cloud services.
- Authored Terraform IaC and built Azure DevOps CI/CD pipelines to provision and deploy Prisma Cloud resources, integrations, and policy-as-code changes with controlled promotion across environments.
- Implemented and maintained 150+ IaC security policy checks (Checkov/Prisma) and integrated Prisma Cloud with Terraform Cloud to scan 4,000+ workspaces during plan runs, blocking misconfigurations before deployment with actionable remediation.
- Built and enabled 100+ custom CSPM policies using RQL queries to detect cloud misconfigurations, strengthen compliance monitoring, and trigger CLI-based auto-remediation.
- Managed Prisma Cloud IAM configurations, account grouping, integrations, alert rules, and day-to-day platform administration to optimize posture and streamline operations.
- Implemented Prisma Cloud Compute runtime, vulnerability, and compliance policies for containers to establish consistent container security baselines across environments.
- Integrated Splunk Cloud for centralized logging/monitoring of Prisma Cloud alerts and audit logs; authored SPL queries and dashboards to track IaC policy-violation metrics and trends.
- Built shell scripts leveraging Prisma APIs to identify 5,000+ Defenders and 200+ clusters, automatically organizing them into Collections by cloud and environment for precise policy scoping.
- Developed Python scripts to detect Kubernetes clusters missing Prisma Cloud Defender and configured scheduled Splunk reports to track and remediate unprotected clusters.
- Collaborated with a cross-functional team to deliver the Humana Certified Registry (HCR) Solution: CI/CD pull request scanning for Dockerfiles, Helm charts, and Kubernetes manifests to validate approved images and block non-compliant usage.
- Received the 2026 Q1 CISO Award as a key contributor to building the Container Security & HCR Image Validation solution, securing 200+ enterprise applications, standardizing HCR-certified image governance, proactively blocking unvalidated third-party images in CI/CD pipelines, and helping drive \$7.5M in annual savings with zero production outages during rollout.
- Built a containerized exporter and shell automation to transform and forward image-scan results to Splunk and Azure Cosmos DB for analytics, trending, and reporting.
- Earned 3 STAR Awards for dedication and efforts to safeguard Humana's cloud environment.
- Mentored college interns and onboarded new engineers to cloud-security standards, practices, and tooling.

Cloud Security Engineering Intern | Humana | Remote / Arlington, VA Aug. 2022 – Jun. 2023

- Designed, implemented, and tested Azure security policies aligned to Humana Enterprise Standards for Azure services to improve compliance posture.
- Authored use-case documentation to ensure effective policy enforcement and operational readiness.
- Contributed to the Enterprise Azure Tagging Standards initiative: enforced required tags via Azure Policy with remediation tasks that increased tag coverage across Humana's Azure tenant to 93%.
- Streamlined pipelines by converting inline scripts into reusable PowerShell modules with standardized paths to improve readability and maintainability.

- Standardized the team's DevOps process by establishing a comprehensive guidebook covering branching strategy, commit hygiene, PR reviews, code ownership, and source-control workflow.
- Delivered production security policies and DevOps process improvements through agile execution and stakeholder collaboration.

Site Reliability Engineering Intern | Humana | Remote

May 2022 – Aug. 2022

- Standardized observability across approved Azure cloud capabilities for Humana's Cloud 3.0 environment.
- Authored SRE knowledge-base guidance article detailing monitoring/logging requirements and provided prescriptive Day-2 OpEx steps for DevOps/AppDev teams.
- Reduced time spent locating accurate monitoring/logging requirements by an estimated 5–6 hours per week.
- Achieved 1st place in the 2022 Humana IT Intern Hackathon and Olympics team competitions.
- Received top rating of Exceptional for the 2022 Employee Performance Evaluation.
- Received Best Team Player intern award for consistent and active team contributions.

Data Analyst Intern | Enterprise Hall | Remote

May 2021 – Aug. 2021

- Performed data normalization to minimize redundancy and align datasets with organizational standards to enable accurate querying and analysis.
- Analyzed operational data with pivot tables and charts and communicated those insights to decision-makers.
- Designed and developed a web-based intake form and landing page to improve data capture quality and consistency.
- Received distinguished recognition for exhibiting unique achievement and excellent performance.

Tech Consultant & Fulfillment Operations Expert | Target | Merrifield, VA

Jul. 2019 – Jan. 2023

- Supported consumer technology sales and troubleshooting, including device setup, activations, data transfers, warranty/return support, and POS/CRM documentation to improve first-contact resolution.
- Used handheld scanners and the store warehouse management system (WMS) to coordinate inventory flow and same-day fulfillment.
- Trained 3–8 new team members per quarter using clear SOP handoffs and on-floor coaching to accelerate ramp-up and improve team performance.
- Led day-to-day logistics for Pick, Pack, and OPU to meet service levels and metric goals during peak windows.
- Raised store-wide fulfillment performance; consistently ranked on the Top 5 Weekly Leaderboard for Pick, Pack, INF, and OPU in a 70+ person department. Averages: 75–80 UPH (pick), 300–350 UPH (pack), 4–5% INF.
- Processed 40,000+ units in 2021 as a part-time employee, the most store-wide, and ranked in the top 10 for throughput across the district.
- Recognized with 2 Performance Awards and earned top evaluation ratings of Delivered Exceptional Outcomes.

SKILLS & CERTIFICATIONS

- **Technical:** Python | SQL | HTML | Terraform | RQL | YAML | JSON | Shell Scripting | Git | SPL
- **Tools:** Microsoft Azure | Google Cloud Platform | AWS | Prisma Cloud (CSPM/IaC/Compute) | Azure DevOps | GitHub | Visual Studio Code | Postman | Terraform Cloud | ServiceNow | Splunk | Kali Linux | Microsoft Office Suite | Conda | Checkov | CI/CD | Cloud Shell | Docker | TwistCLI | WIZ
- **Certifications:**
 Prisma Certified Cloud Security Engineer (PCCSE) | Splunk Core Certified User (SPLK-1001)
 Microsoft Azure Administrator Associate (AZ-104) | CompTIA Security+ | ISC2 Certified in Cybersecurity
 AWS Certified Cloud Practitioner (AWS CCP) | Microsoft Azure Fundamentals (AZ-900) | CompTIA CySA+
 Terraform Associate (003) | NSA/DHS National Center of Academic Excellence in Cyber Defense
 Microsoft Data Fundamentals (DP-900) | Microsoft Security, Compliance, and Identity Fundamentals (SC-900)