Steven Hill

✉ cyb3rsteven@gmail.com   in steven-hill-lisle

🔗 steven.thehillden.us   ⚙ geryonghost

Cityblock Health
February 2022 - Present

Staff DevOps Engineer

- Analyze challenges, collaborate on potential solutions, and implement resolutions.
- Led the proof-of-concept (PoC) and subsequent implementation of Just-in-Time (JIT) access.
- Conducted a proof-of-concept (PoC) for Backstage (Portal) by developing a custom plugin to retrieve GCP project information.
- Designed and authored Terraform modules for constructing GCP projects.
- Provide support for the Data Platform team in Terraform, Kubernetes, and GitHub Actions.
- Ensured high availability and scalability of applications by configuring and managing Kubernetes clusters.
- Validate fix requests from various security tools including Snyk, SonarCloud, GCP Container Security, and GitHub.
- Vulnerability management for GCP Compute, Docker images, Node.js/NPM packages, and Python libraries.
- Efficiently manage ticket queues by assigning tasks based on priority.
- Testing solutions for remote workstations, including Google Cloud Workstations, GitHub Codespaces, and Skaffold.

Senior DevOps Engineer

- Led the proof-of-concept (PoC) and subsequent implementation of Terraform CI/CD.
- Conducted a proof-of-concept (PoC) of Ansible via Spacelift utilizing Identity-Aware Proxy (IAP).
- Developed custom scripts in Bash and Python for generating both ad-hoc and scheduled reports.

Senior Security Engineer

- Enhanced security compliance by 82% through the development and implementation of strategic security policies and procedures.
- Led proof-of-concept (POC) initiatives for edge firewall and hub-spoke architecture.

Skills

- Ansible
- Bash
- Crossplane
- Datadog
- Google Cloud Platform (GCP)
- Git / GitHub
- GitHub Actions
- Helm
- Kubernetes (GKE, Cloudrun)
- PagerDuty
- Python
- SonarCloud
- Spacelift
- Synk

Comtily
January 2010 - Present

Comtily is an incubator for my personal endevours. I am trying to solve some my most basic lifestyle challenges through technology. But I am trying to do this with the mindset of solving a problem and not making money.

- **iseecoyotes** - This project was initially run on AWS using S3, Lambda, and DynamoDB, but cost overruns and moderation became a problem. I am re-architecting and hope to re-release in 2024.
- It's Weather Outside - This project was initially started to help me learn Node.js, but led to trying to solve my biggest pet peeves with modern weather apps.
- **Not Scrap Yet** - This project was very lofty. I was hoping to build a simple platform that could scrap every used car dealer website and make it easier to find and compare based on vehicle options. I keep running into issues with web scraping and the potential costs behind this method of data retrieval.
- A PHP platform that interfaces with PowerShell to manage the then named Microsoft Virtual Desktops in Azure. This platform would allow my client to create a new client, build out Active Directory, add users, and build the necessary Azure Virtual Desktops all from an easy to use PHP web portal.

Skills

- Amazon AWS
- Digital Ocean
- DynamoDB
- Lambda
- LAMP Stack
- JumpCloud
- MongoDB
- Node.js
- Python
- Microsoft Azure

TrueBlue
February 2019 - February 2022

Senior Security Engineer

- Architected a Palo Alto GlobalProtect infrastructure on AWS, replacing Palo Alto Prisma Access on AWS compute resulting in significant cost savings.
- Conducted a proof-of-concept (PoC) and implemented mobile device management solutions for Windows, Mac, Android, and iOS devices.
- Developed custom scripts to facilitate seamless onboarding and offboarding of users by interfacing between internal systems.
- Conducted a PoC and successfully implemented CyberArk for enhanced security measures.
- Devised and executed a cost-saving plan on AWS during the COVID crisis, ensuring employee retention.
- Successfully led a small team located in Tacoma, WA, and India to achieve security directives.
- Managed the migration of ADFS to Okta, ensuring smooth transition and improved authentication processes.

Skills

- Amazon Web Services (AWS)
- Cortex XDR
- CyberArk
- GlobalProtect
- Microsoft ADFS
- Nessus
- Okta
- Palo Alto Networks
- Proofpoint
- Python
- Rapid7
- Varonis

OneSpan
October 2014 - February 2019

IT Operational Security Engineer

- Designed, implemented, and maintained secure AWS corporate cloud environment.
- Independently deployed Single Sign-On solutions using ADFS, Okta, and MFA globally.
- Implemented network segmentation and perimeter security utilizing Palo Alto firewalls.
- Conducted audits to ensure accurate user access rights and permissions.
- Executed policy audits and optimized Palo Alto firewall and McAfee IDS/IPS policies.
- Coordinated vulnerability scanning and remediation using Nessus.
- Researched and implemented an email encryption solution.
- Audited security of network infrastructure, proposing remediation plans.
- Assisted in scoping, proposing, and implementing Business Continuity and Disaster Recovery Solutions.
- Configured, monitored, and troubleshooted company-wide routers, switches, firewalls, and wireless equipment, optimizing routing bandwidth and performance.

Skills

- Amazon AWS
- McAfee Endpoint Security
- McAfee IDS/IPS
- Microsoft Azure
- Palo Alto Networks
- Exabeam

Google / Motorola Mobility (Astreya Partners)
October 2013 - September 2014

Network Security Engineer

- Led global migration efforts for 39 locations across the Americas, Asia, and Europe as primary network security engineer.
- Directed network and network security engineering teams as team lead, overseeing task delegation and progress monitoring.
- Managed, implemented, and resolved issues related to firewalls, security appliances, routers, switches, proxies, and load balancers.
- Handled tickets concerning MPLS, dark fiber, and Google Fiber network connections, as well as OSPF and BGP protocols.

Skills

- Arista Networks (HPE)
- Barracuda
- Cisco
- F5 Networks
- Ixia
- Juniper
- Palo Alto Networks

Education

DePaul University
Master of Science

Robert Morris University
Bachelor of Applied Science