

Alan A. Haro

[Security Engineer](#) | [DevOps Engineer](#)
| [Cloud Engineer](#) | [Automation](#)

CAREER OBJECTIVES

Results-driven Cybersecurity Engineer with 7+ years of experience in designing, implementing, and automating security solutions across cloud-native (AWS, Azure), containerized (Kubernetes, Docker), and on-prem environments. Adept at developing security detection and response mechanisms, enforcing GRC compliance, and building scalable security automation pipelines using Python, Terraform, and DevSecOps methodologies. Passionate about embedding security into the software development lifecycle and driving continuous security improvements.

SPECIALIZATIONS

- **Cloud Technologies:**
 - Azure, AWS, GCloud Administration
 - Kubernetes, Terraform, Helm
 - FluxCD & ArgoCD
- **Monitoring & Automation:**
 - Grafana, Datadog, Prometheus
 - Cypress, Selenium
 - CI/CD (Azure Pipelines, GitLab, Jenkins, GitHub)
- **Security & DevOps:**
 - DevSecOps, Cybersecurity
 - Sentinel | Defender
 - SIEM | SOAR | EDR | IAM
 - Python | Bash | API's | AI | MLOPS
 - Risk Analysis | Policy Development
- **Databases & Development:**
 - MongoDB, Postgres, MySQL, Elastic
 - Front-End & Back-End (JavaScript, Python, Java)
 - Docker, Postman, Docker Swarm

ACADEMIC BACKGROUND

CodePath - Graduated 2023

- Advanced Cybersecurity

Utah Valley University - Current

Masters Degree In Cybersecurity

- Ethical Hacking / Penetration Testing
- Hacking API
- Cloud Administration
- Security Engineering

Utah Valley University - Graduated 2020

Web & App Development .

- Spanish Technical Writing
- English Technical Writing
- Software QA
- Web Development
- UX Design
- English as a Second Language

Grow with Google

- IT Program
- Python Automation
- Android Development
- Google Cloud (Kubernetes, Helm, CI/CD)

WORK SUMMARY

CLICK THE LINKS BELOW 📌



SECURITY ENGINEER

TherapyNotes | April 2024 -present

- Engineered and automated cloud security monitoring and compliance using Terraform and Python.
- Integrated SIEM and SOAR solutions to enhance incident response efficiency.
- Conducted security assessments and penetration testing to identify and mitigate vulnerabilities.
- Assisted in GRC initiatives, ensuring adherence to HIPAA, PCI-DSS, and SOC 2 compliance standards.

SENIOR OPERATIONS ENGINEER

TherapyNotes | September 2023 -April 2024

- Collaborated closely with developers and product managers to optimize deployment cycles, proactively mitigating errors and enhancing efficiency.
- Spearheaded the implementation of Infrastructure as Code (IaC) using Terraform, streamlining management processes for both Azure and Cloudflare environments.
- Automated tasks and devised innovative solutions to address high-volume developer issues and DevOps-related challenges, thereby bolstering operational effectiveness.
- Led the development and implementation of Kubernetes initiatives, facilitating knowledge transfer to team members and ensuring proficiency in this critical area.

SR. DEVOPS ENGINEER

TherapyNotes | May 2023 - September 2023

- Conceptualized and implemented innovative processes, prioritizing automation for enhanced operational efficiency.
- Led the implementation of Infrastructure as Code (IaC) with Terraform for Azure, optimizing deployment processes.
- Contributed expertise to troubleshooting networking and systems engineering challenges, implementing a zero-trust model for enhanced security.
- Currently leading efforts to triage security incidents, proactively identifying vulnerabilities, and formulating effective solutions.

SECURITY SOFTWARE & DEVOPS ENGINEER

Lumifi Cyber | 2021 - May 2023

- Designed and implemented Infrastructure as Code (IaC) using Terraform for Azure and Cloudflare environments, streamlining security control deployment.
- Automated security tasks and integrated custom solutions for high-volume developer issues, improving DevOps efficiency.
- Spearheaded the implementation of Kubernetes security policies and provided knowledge transfer to enhance team proficiency.
- Optimized CI/CD security practices, ensuring secure code deployment.

SOFTWARE AUTOMATION ENGINEER | DEVOPS

CelticBank | 2020 - 2021

- Orchestrated the creation and execution of comprehensive automated software test plans, cases, and scripts, meticulously uncovering, identifying, and documenting software anomalies and their root causes.
- Pioneered the design and maintenance of robust, end-to-end automated CI/CD pipelines for seamless code deployment, harnessing the power of Bitbucket pipelines and PowerShell.
- Spearheaded the development and implementation of cutting-edge automated testing tools and programs, strategically addressing diverse testing domains such as Database impacts, Software scenarios, Smoke testing, Regression testing, error/bug retests, and usability.

PASSION PROJECTS

CLICK THE LINKS BELOW 📌

- [Azure-Terraform](#)
- [PCAP File Scanner](#)
- [ToDoList-Kubernetes-Deployment](#)
- [Send-Messages-Automation](#)
- [Sops-flux-playground](#)
- [Android Projects](#)
- [DevOps - AWS IaC](#)

- [Unit Converter](#)
- [Starving - iOS App](#)

