Donovan Ellison

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SKILLS

Technologies: Ansible, AWS, GCP, Docker, Kubernetes, Terraform, and Python

Certifications: Certified Kubernetes Administrator (CKA), and GIAC Cloud Security Automation Certification (GCSA)

EXPERIENCE

Cloud Security Engineer, *Apree Health*   **Jan 2022 — Present**

- As the inagural Cloud Security Engineer, led security initiatives throughout a year-and-a-half long data center migration to GCP.
- Programmatically enforced CIS standards on hundreds of VMs migrated to Google Compute Engine and thousands of datasets uploaded to BigQuery.
- Spearheaded an initiative to optimize Terraform pipelines, slashing wait times due to handoffs from 2 hours to just 30 minutes, resulting in significant time savings for both approvers and requesters.
- Successfully implemented egress filtering for URLs in PHI environments, a pivotal step in achieving HITRUST certification. Orchestrated the deployment of DiscrimiNAT across 6 VPCs, effectively filtering traffic in 27 environments with over 900 unique FQDNs.
- Developed a Python Flask application empowering developers to create temporary egress firewall rules in lower environments, circumventing the 24-hour SLA for FQDN additions. This innovation saved thousands of engineering hours, allowing uninterrupted development and testing.
- Revived and optimized scrum practices within the security team, taking a leadership role in restarting meetings and configuring Jira boards.
- Introduced sprint planning, backlog grooming, and retrospective sessions, resulting in an outstanding 77% reduction in Lead Time for ticket completion, from an average of 61.3 days to just 13.8 days after 3 months.

Site Reliability Engineer, *Zapproved*   **Mar 2021 — Jan 2022**

- Designed and implemented an AWS solution for managing SSH keys on TeamCity agents across multiple AWS accounts.
- Analyzed and resolved an Elasticsearch cluster issue that caused day long logging outages, sometimes multiple times a week.
- Spearheaded the refactoring of the Kubernetes solution. Documented the current state of the Kubernetes solution by updating, creating, and re-organizing several dozen internal documents.
- Developed a roadmap for Kubernetes improvements by evaluating different tools, researching best practices, creating proof of concepts, and meeting with key stakeholders.

EDUCATION

Bachelor of Science in **Computer Science, University Honors**   **Sep 2016 — Aug 2020**

Portland State University