

Donovan Ellison

✉ dvaneson@gmail.com 🏠 dvaneson.com in [Donovan Ellison](#) 🔗 [dvaneson](#)

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 inaugural Cloud Security Engineer, led security initiatives throughout a year-and-a-half long data center migration to GCP.
- Implemented CIS standards across hundreds of VMs in Google Compute Engine and thousands of BigQuery datasets, ensuring compliance with encryption key usage and preventing misconfigurations such as publicly accessible ports.
- 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.
 - Developed a roadmap for Kubernetes improvements by evaluating different tools, researching best practices, creating proof of concepts, and meeting with key stakeholders.
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EDUCATION

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

Portland State University