

# 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)

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## 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.
- Enforced CIS standards with Policy-as-Code for hundreds of GCP projects, 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*