Emma Doyle

She/Her

Experience

Small Business Owner

Tiger Lily Plants LLC. • Part-time

Nov 2025 - Nov 2026 · 1 yr 1 mo

Atlanta, Georgia, United States · Hybrid

Built software and automated workflows to run Tiger Lily Plants, a specialty business I founded to grow and sell rare orchids, carnivorous plants, and other tropical plants.

- Catalog: Built a PostgreSQL-backed tool to track grower and wholesaler availability and identify market opportunities.
- Orchidarium: Designed an HVAC controller that uses vapor pressure deficit (VPD) to monitor and regulate growing conditions in cabinets and terrariums.
- PartPetal: Automated the workflow from custom part design to print-ready build plates, including batch layout and print settings.

Lead Platform Engineer

SBE Vision, Inc. • Full-time

Sep 2024 - Sep 2026 · 2 yrs 1 mo

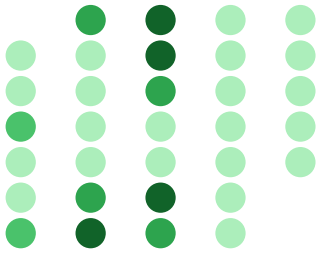
Wakefield, Massachusetts, United States · Remote

- Oversaw the secure rollout of AI tooling in CI/CD, reviewing and approving pipeline changes implemented by the team's AI specialist.
- Supported SBE Vision's Cybersecurity Maturity Model Certification (CMMC) 2.0 compliance efforts.
- Served as the primary infrastructure and security point of contact on calls with customers' engineering teams.
- Worked directly in air-gapped customer environments and supported software delivery to AWS GovCloud.
- Migrated Kubernetes secrets management to External Secrets Operator (ESO).
- Led the migration from on-premises infrastructure to Google Cloud and Google Kubernetes Engine (GKE), owning the platform before and after the move.
- Designed, load-tested, and rolled out a fault-tolerant CI cluster upgrade to improve build reliability under higher demand.
- Built dependency-aware CI for a Helm monorepo that traced nested chart dependencies and built only the charts affected by a merge request.
- Built and operated ephemeral developer environments so engineers could test changes without keeping dedicated cloud environments running.
- Built a compiler that converted Helm charts and rendered Kubernetes manifests into Docker Compose configurations, speeding up delivery of customer-site proofs of concept without maintaining separate deployment artifacts by hand.

Contact

LinkedIn
Email
GitHub

Contributions



2060 contributions

2026-10-19 - 2026-11-19

Contents

Contact
Experience
Education
Projects
Skills

Site Reliability Engineer (Security)

Klaviyo • Full-time

Feb 2024 - Sep 2024 · 8 mos

Boston, Massachusetts, United States · Hybrid

- Worked on security and reliability for AWS infrastructure, with a focus on identity and access management (IAM) and EC2 administration in Python & Golang.
- Used Python and Go for infrastructure tooling, Terraform and Puppet for infrastructure and configuration management, and HashiCorp Vault for secrets management.

DevOps Engineer

SBE Vision, Inc. • Full-time

Aug 2022 - Feb 2024 · 1 yr 7 mos

Wakefield, Massachusetts, United States · Hybrid

SBE Vision builds an ontology-based integration platform that lets digital engineering tools exchange data through a shared hub.

- Built and operated an on-premises Kubernetes environment with Rancher and RKE1 to reduce cloud costs and give engineers a consistent way to access shared clusters.
- Built and administered a scalable Kubernetes-based GitLab Runner fleet for CI workloads.
- Consolidated Helm charts into a single monorepo, standardized reusable templates, and built the GitLab CI trigger framework for chart builds.
- Introduced infrastructure as code with Terraform and GitLab CI to standardize provisioning across public cloud environments.
- Helped customers deploy and troubleshoot SBE Vision's microservices in on-premises and cloud environments. Maintained internal operations services and helped restore service after power outages and hardware or software failures.
- Wrote internal runbooks and documented deployment procedures, operational standards, and security practices.

Technologies: Kubernetes (Rancher RKE1, GKE, EKS), Helm, GitLab CI, Terraform, Ansible, Linux KVM, ZFS, Sonatype Nexus, AWS/GCP/Azure container registries, Git hooks, TLS certificates

DevOps Engineer

HqO • Full-time

Aug 2021 - Jul 2022 · 1 yr

Boston, Massachusetts, United States · Hybrid

HqO builds workplace experience software that helps people connect with coworkers and use the spaces where they work.

- Wrote engineering onboarding guides, operational procedures, and troubleshooting documentation so teammates could get up to speed and resolve common issues independently.
- Authored reusable CircleCI orbs, Helm charts, and Git pre-commit hooks to standardize CI workflows, Kubernetes deployment configuration, and local checks.

Technologies: CircleCI, GitHub Actions, Argo CD, Kubernetes (AWS EKS), Helm, Helm chart-testing (ct), Spot.io, Infracost, Loft, DevSpace, Terraform, Vault, HashiCorp Cloud, Artifactory

Threat Stack, Inc

Full-time · 2 yrs

Boston, Massachusetts, United States

- **Tooling Solutions Engineer**

  Apr 2021 - Jul 2021 · 4 mos · Remote

  Threat Stack is the leader in cloud security & compliance for infrastructure and applications, helping companies securely leverage the business benefits of the cloud with proactive risk identification and real-time threat detection across cloud workloads.

  Projects

  - Wrote a Python package and containerized Flask API to assist and support internal teams in platform rule modifications and versioning
  - Continued to maintain log and diagnostics collection scripts in Bash and PowerShell for troubleshooting Linux- and Windows-based agent installations

Education

Monroe Community College

Associate's Degree, Mathematics

2015 - 2016

Projects

hypothesis-helm

Sep 2026 - Present



Thumbnail for GitHub - astrivant/hypothesis-helm: Hypothesis testing plugin for Helm • 1 of 1

Skills



Releases
Unsigned working copy