

BRYAN KILGORE

Software Engineer

bryan@kilgore.io · 817.266.9773 · linkedin.com/in/bryankilgore · kilgore.io

PROFILE

Software engineer specializing in infrastructure automation. Ten years of datacenter operations experience, now expressed in code: the Ansible, Python, and CI/CD systems that deploy, validate, and retire the infrastructure I once racked by hand.

EXPERIENCE

Software Engineer, Private Cloud Enablement, USAA

JUN 2023 - PRESENT

- Re-architected the team's proprietary Ansible module and HTTPAPI plugin for the Dell PowerFlex Manager API, delivering version-agnostic compatibility (v4+). The unblocking capability for a major datacenter buildout, now used across every playbook in the collection.
- Built a fully automated rack-finalization pipeline that cycles OS and BMC credentials from build to production across compute and storage services, eliminating manual credential handling.
- Designed and shipped a datacenter power monitoring platform carrying colocation provider data through Prometheus to Grafana on OpenShift, giving leadership live visibility into facility power, temperature, and capacity.
- Hardened the platform for production: migrated secrets to Conjur and restructured the codebase to a typed src/ layout with mypy and a 63-test suite.
- Developed AI agent skills that generate import-ready Jira issues from natural language, and authored the enterprise packaging standard for reusable agent skills.
- Mentored engineers inside and beyond the team in Ansible, Python, and CI/CD practice. Promoted April 2026 and joined the Automation Community of Excellence.

Infrastructure Engineer II, USAA

NOV 2020 - JUN 2023

- Designed batch search and data-retrieval applications for the Nlyte DCIM platform, extending its reporting accuracy and usability.
- Built power analytics applications from provider data: per-rack utilization heatmaps, circuit density distribution, projected utilization, and yearly trends that informed datacenter rightsizing decisions.
- Systematically automated toil out of datacenter operations, the work that earned promotion into the Private Cloud Enablement engineering team.

Datacenter Operations Tech II, Cyxtera

JAN 2017 - NOV 2020

- Designed procedures and automation tooling for routine operations in a Tier 3 datacenter, cutting SLO times by 50%.
- Led a high-security team dedicated to sensitive client projects.

Datacenter Operations Engineer, CenturyLink

JAN 2015 - JAN 2017

- Engineered datacenter solutions ground-up for a dedicated high-security client: system migrations, hardware upgrades at scale, and documentation standards built from scratch.

Earlier QTS, Yahoo (datacenter operations); Arlington ISD (technology management) · 2008 - 2015

SKILLS

Languages Python, Go, Bash

Automation Ansible (incl. Automation Platform), Terraform, GitLab CI/CD, REST APIs

Platforms Dell PowerFlex / PowerFlex Manager, vCenter, OpenShift, Prometheus, Grafana

Domain Datacenter infrastructure, DCIM (Nlyte), ITSM (ServiceNow)

EDUCATION

Computer Science · Oregon State University, College of Engineering