

BRYAN KILGORE

SOFTWARE ENGINEER

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

01 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.

02 SYSTEMS

A-01 LANGUAGES

> Python

> Go

> Bash

A-02 AUTOMATION

> Ansible / AAP

> Terraform

> GitLab CI/CD

> REST APIs

A-03 PLATFORMS

> PowerFlex / PFxM

> vCenter

> OpenShift

> Prometheus / Grafana

Domain: Datacenter infrastructure / DCIM (Nlyte) / ITSM (ServiceNow)

03 RECORD

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

04 EDUCATION

Computer Science OREGON STATE UNIVERSITY, COLLEGE OF ENGINEERING