

# Brian Cole

I just really like computers.

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<https://brianecole.com/about>

## Summary

Systems administrator/architect, skilled at building and maintaining infrastructure on-premise and in the cloud with infrastructure as code and configuration management tools, working in a 24/7 global team, and continually improving in order to meet business needs.

## Areas of experience

- Compute platforms: AWS, GCP, VMWare, bare metal (Dell, UCS)
- Operating Systems: CentOS/RHEL, Ubuntu, Debian, Arch Linux, Alpine Linux, OpenSuse, FreeBSD, OpenBSD
- Containers: Docker, Podman
- Provisioning: Ansible, Chef, Terraform, CloudFormation
- File/Object storage: GlusterFS, MinIO, ZFS
- Version control: Git, Mercurial
- Source control: Bitbucket, Gitlab
- Monitoring/dashboards: Grafana, Zenoss
- Mail transfer: Postfix

## Projects

- Pulp (internal yum mirrors)
  - Built Pulp servers and tooling to provide yum repos.
- Terraform migration
  - Ported cloudformation stacks/modules to Terraform.
  - Built Terraform modules/stacks for systems that had been manually provisioned.
  - Coordinated testing and rebuilds.
  - Planned and executed migration through production.
- Legacy system support
  - Discovery and analysis of legacy SaaS applications.
  - Documented architecture and support processes.
  - Performed and assisted maintenance and uplift tasks.
- Jenkins rebuild
  - Rebuild company Jenkins server using Ansible.
  - Handled configuration, JVM troubleshooting, and job supervision.
- Single Board Computer network device
  - Replaced my home router with a Raspberry Pi (later migrated to APU2).
  - Dnsmasq+hostapd on Debian.
  - Configured via Ansible.
- AWS Backup
  - Implemented AWS Backup.
- AWS Certificate Manager
  - Configured automated certificate renewals.

## Positions

### **LeanLogistics-Kewill-Blujay Solutions**

**Blujay Solutions —  
Junior Enterprise Architect**

September 2018 - Present

**Blujay Solutions —  
Systems Administrator**

September 2017 - September 2018

**LeanLogistics/Kewill —  
Junior Systems Administrator**

April 2016 - September 2017

**Blue Newt Software —  
Systems Administrator**

June 2015 - February 2016

## Education, Certification

**Calvin College,  
Grand Rapids, MI — BACS**

September 2012 - December 2015

**AWS Certified SysOps  
Administrator — Associate**

November 2018