

# EVAN TROY OWEN

DEVOPS ENGINEER

evantroyowen.com | Erie, Colorado, United States

## EDUCATION

### Applied Computing Technology

*Bachelor of Science*

Colorado State University  
Fort Collins, CO | 2009 - 2013

### Business Administration

*Minor*

Colorado State University  
Fort Collins, CO | 2009 - 2013

## HARD SKILLS

Containers  
Configuration Management  
Deployment  
Monitoring  
Source Control  
Cloud Management  
High Availability  
Open Source Experience  
CI/CD Pipelines  
Debugging  
Web Development  
Legacy Systems  
Front & Back-End Development

## TECHNICAL SKILLS

**Languages** - Python, BASH, Java

**Configuration Management Tools** - Salt, Ansible, Puppet

**Cloud** - GCP, AWS, IBM Cloud (SoftLayer), VMware vSphere

**Operating Systems** - Ubuntu, CentOS, Fedora, OS X

**Databases** - Mongo, Postgres

**Tools and Applications** - Kubernetes, GKE, Docker, Jenkins, HashiCorp Vault, Consul, Terraform, Auth0, Datadog, Sensu, Graylog, ELK Stack, HAProxy, Nginx, Apache, Git, GitLab, GitHub, Veleo, JIRA, Slack, PagerDuty, Zenoss

**Hardware** - PC/Server Upgrades/Repairs, Network Cabling, Component Level Replacement, iLO, iDRAC

## EXPERIENCE

### DEVOPS ENGINEER

FLOWHUB | DENVER, CO | 2020-2021

- Managed over 200+ microservices in Kubernetes multiple environments using GKE in GCP, extensively worked with Scheduling, deploying, managing container replicas onto a node using Kubernetes and experienced in creating Kubernetes clusters and working with Helm charts.
- Led effort to upgrade 12 Mongo databases in Atlas from Mongo 4.0 to 4.4, and worked with many teams to ensure Node versions were correct for compatibility and other packages to ensure an easier transition.
- Helped build, manage and debug CI/CD pipelines in GitLab for 8 product teams and helped deploy and maintain their services in GKE.
- Used technologies like Terraform to automate provisioning of virtual machines in GCP.
- Installed and managed a Hashicorp Vault cluster with secrets from all environments.
- Implemented a comprehensive logging and monitoring system to quickly identify issues before customer reports.
- Participated on a weekly on-call rotation with a small team of DevOps engineers troubleshooting issues with both front-end and back-end portions of the technology stack.
- Mentored software engineers on cloud engineering and Kubernetes; empowered developers to take ownership of cloud infrastructure, reducing touchpoints and friction.

## SOFT SKILLS

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Organization  
Hard Working  
Teamwork  
Collaboration  
Open-Minded  
Innovative  
Initiative  
Creative  
Professional  
Adaptability  
Problem Solving  
Reliable

## LEARNING

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**2021** Mongo A300: Atlas Security  
**2021** Mongo M001: MongoDB Basics  
**2014 - 2019** DevOpsDays Denver  
**2019** USENIX LISA Conference  
**2018** O'Reilly Velocity Conference  
**2016** Puppet Camp Denver  
**2014** Puppet Practitioner Class

## COMMUNITY

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Boulder DevOps  
Boulder Linux User Group  
Denver SaltStack Users Group  
Docker Boulder

## DEVOPS ENGINEER

INTELIQUENT | BOULDER, CO | 2016 - 2020

- Managed over 1000+ mixed infrastructure hosts (virtualized and hardware) in multiple remote data centers and cloud providers (SoftLayer and AWS).
- Lowered operation costs of AWS, Datadog, and other tools. Retired legacy data center SoftLayer, saving the company over \$50,000 a month.
- Used technologies like Terraform, Salt-Cloud, and Packer to automate provisioning of virtual machines in on-premise VMware vSphere instance to spin up virtual machines increasing speed and consistency.
- Used configuration management software SaltStack to automate services such as Graylog, Elasticsearch, Mongo, Jenkins, RabbitMQ, Zenoss, Artifactory, Datadog, FreeIPA, and other Linux configurations.
- Implemented new CI/CD pipelines, replacing insecure and unreliable methodologies with Docker and multibranch pipelines within Jenkins.
- Implemented monitoring for all servers, applications, hosts, and metrics by utilizing monitoring platforms like Datadog, Zenoss, Sensu, and NMIS.
- Performed over 7,000 hours in on-call weekly rotation of three people to ensure quick resolution of services including legacy platforms that were inherited from company mergers.
- Created job requirements for open team positions, coordinated with talent acquisition agencies, and led interviews for DevOps positions. Onboarded and taught all new hires in systems and practices helped junior team members to grow and expand their skills.

## SYSTEM ADMINISTRATOR

SEAGATE TECHNOLOGY | LONGMONT, CO | 2013 - 2016

- Managed over 200+ hardware database and applications CentOS linux servers, racked, stacked, installed OS and other packages.
- Implemented Puppet, designed and built Puppet modules for account management, security policies, security scanning tools.
- Wrote a Java+JSP+Tomcat application for monitoring hard drive tracking and the transfer of attributes from one site's database to another, using a REST+JSON API to return data.

## IT ADMINISTRATOR / WEB DEVELOPER

CSU COLLEGE OF BUSINESS | FORT COLLINS, CO | 2011 - 2013

- Maintained and supported hardware, computers, and printers for the use of students and faculty for a college with over 5,000 students.
- Created and designed many parts of the College of Business website, including the homepage and forms using ASP.NET and C#.