

# 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, C#

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

**Web Development** - HTML, CSS, JSP, PHP, JSON

**Operating Systems** - Ubuntu, CentOS, Fedora, Debian, Windows Server, OS X

**Tools and Applications** - Docker, Jenkins, Datadog, Sensu, Nagios, Graylog, ELK Stack, HAProxy, Apache, Git, GitLab, GitHub, VMware vSphere, Rally, JIRA, Slack, PagerDuty, Zenoss, AWS

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

## EXPERIENCE

### DEVOPS ENGINEER

INTELIQUENT | BOULDER, CO | 2016 - PRESENT

- 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, FreeSWITCH, Jenkins, RabbitMQ, Zenoss, Artifactory, Datadog, FreeIPA, and other Linux configurations.
- Led effort with multiple product teams to consolidate and standardize software delivery and monitoring thereby decreasing the number of issues and the time to resolve.
- 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 opEvents.
- Created APIs for Zenoss and NMIS opEvents that worked with webhooks from Datadog to alert the NOC of issues.

## SOFT SKILLS

---

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

## CONFERENCES

---

**2014 - 2019** DevOpsDays Denver

**2019** USENIX LISA Conference

**2018** O'Reilly Velocity Conference

**2016** Puppet Camp Denver

**2014** Puppet Practitioner Class

## COMMUNITY

---

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

- Created a central inventory tool of all the company's servers across multiple data centers and cloud providers enabling all team members to be able to instantly find IP addresses, host names, OS, and system details.
- Performed over 7,000 hours in on-call weekly rotation of three people to ensure quick resolution of services, personally having a 4 min MTTA and resolving over 2,500 high-urgency incidents; 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.
- Fostered team-building with activities together and helping junior team members to grow and expand their skills.

## SYSTEMS ANALYST

SEAGATE TECHNOLOGY | LONGMONT, CO | 2013 - 2016

- System administration for over 200+ internal database and applications servers managed all with Puppet using Roles and Profiles.
- Designed and built Puppet modules for account management, security policies, security scanning tools.
- Installed and used PuppetDB with a Puppetboard UI to monitor check-ins.
- Monitored systems, NASs, and UPSs using Nagios and ELK Stack.
- Built a self serve web application so that users could log into a central place where they could change various passwords on multiple types of database systems.
- Engineered a Java+JSP+Tomcat application for monitoring hard drive tracking and the transfer of attributes from one sites database to another, used 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#.