

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.
- Participated on a weekly on-call rotation with only 2 DevOps engineers solving an array of issues with our APIs, front end, and databases.
- 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.
- Mentored software engineers on cloud engineering and Kubernetes; empowered developers to take ownership of cloud infrastructure, reducing touchpoints and friction.

SOFT SKILLS

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

LEARNING

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

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, 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.
- 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 helped junior team members to grow and expand their skills.

SYSTEMS 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.
- Used Nagios and ELK Stack to monitor servers, NASs, and UPSs.
- 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#.