

Samuel Plum

Experienced DevOps Engineer with a strong background in cloud infrastructure, automation, and container orchestration. Skilled in designing scalable, reliable systems using modern tools and practices to optimize deployment pipelines and infrastructure management.

8905 Coberdale Ct.
Colorado Springs, CO 80920

310-347-8393

splum@taloria.com

<https://www.linkedin.com/in/samuelplum/>

Skills

Scripting and Programming

Python, Javascript, Bash, Java, Perl, C++, C#

Infrastructure as Code (IaC)

Terraform, Puppet, CFEngine

CI/CD and Related

Git, GitHub, GitHub Actions, GitLab, Argo CD, Azure DevOps, Jenkins, Octopus Deploy, Docker, Packer, Helm, Kustomize, Jira, Confluence

Orchestration and Administration

Kubernetes, Apache / Tomcat, Linux Administration, EC2

Database and Queue Administration

MySQL, Postgres, CouchBase, RabbitMQ, Redis

Monitoring Tools

DataDog, LogicMonitor, Prometheus, Nagios

Cloud Environments

AWS, Azure, Rackspace, VSphere

Networking

VPC / ELB / Route53, Istio, Netscaler, NetApp NFS

Education

Oklahoma State University

Computer Science (No Degree)
1997 - 2000

AWS Cloud Practitioner Certification

Comptia Network+ Certification

Professional Experience

DevOps Engineer

Greenshades Software : 04/17/2023 - 08/01/2025

Led the development and maintenance of deployment pipelines and infrastructure in Azure Cloud, focusing on microservice deployment and infrastructure automation.

- Developed and maintained CI/CD pipelines in Azure DevOps for microservice deployment.
- Implemented infrastructure as code using Terraform, managing Azure resources.
- Streamlined deployment processes with Octopus Deploy, Argo CD, and Helm charts.
- Monitored system health and performance using DataDog and Splunk, ensuring high availability.

MTS 2, Software Engineer - Cloud Infrastructure

PayPal Inc / Happy Returns : 01/05/2022 - 04/11/2023

Maintained and improved cloud infrastructure supporting the platform, focusing on high availability, scalability, and automation.

- Managed AWS resources including EC2, RDS, S3, and EKS clusters.
- Enhanced infrastructure automation with Terraform, Jenkins, Pulumi, and GitHub Actions.
- Led projects such as clustering OpenVPN, deploying monitoring agents via Terraform, and database sharding.

DevOps Engineer

ELocal.com : 06/17/2019 - 12/15/2021

Consolidated and modernized deployment pipeline across multiple business units, adopting GitOps principles.

- Unified multiple pipelines into a single system using Kubernetes (EKS) and Terraform.
- Implemented GitLab for centralized repository management and CI/CD pipelines.
- Deployed Hashicorp Vault for secret management and Istio for service mesh routing.
- Enhanced system observability with Prometheus, Kiali, and Grafana.

Senior Systems Engineer

Advertise.com : 01/07/2024 - 03/29/2019

Managed a large-scale advertising platform with automation and custom monitoring to ensure high performance.

- Automated system configuration with Puppet and developed custom deployment and verification tools.
- Automated documentation and monitoring process, reducing manual effort
- Developed custom scripts for system visibility and tested new technologies like RabbitMQ, ELK, and AWS VPC.