

## Summary

Passionate AWS certified infrastructure engineer with more than 5 years of hands-on experience. I am skilled in building automated, scalable, and highly available architectures in the cloud and on-premise. I have a proven history of successfully creating and troubleshooting a variety of complex systems. With a strong developer foundation, I always practice infrastructure-as-code and create seamless CI/CD processes.

## Skills

- Amazon Web Services
- Docker
- Kubernetes
- ECS
- Lambda
- Load Balancing
- Debian and Red Hat Linux
- Nginx
- Ansible
- Chef
- Datadog
- CloudWatch
- Continuous Integration
- GitHub
- Git
- Python
- Node.JS
- Bash
- CloudFormation
- MySQL
- PostgreSQL
- RDS
- Redis
- S3

## Experience

### NodeSource, Remote (Current) March 2017 - Present

- Site Reliability Engineer leading service uptime, developer integrations, and build pipelines.
- Wrote a 30,000 line serverless application in Python for infrastructure automation and management.
- Created CI/CD Pipelines with CodeBuild and CodePipeline for rapid development and deployment.
- Built, packaged, and hosted Node.JS Linux packages for 70% of the world's downloads.
- Distributed over 15 highly available microservices running in Amazon Elastic Container Service with Docker.
- Built ChatOps tools that enabled developer independence and streamlined deployment processes.

### Email on Acid, Denver, CO June 2016 - March 2017

- DevOps lead responsible for AWS and on-premise environments running primarily Linux servers.
- Increased site speed 20% by transitioning from Apache to Nginx.
- Reduced AWS costs by 30% while increasing product efficiency with SQS, S3, and EFS.
- Implemented Chef with Cloudformation to reduce server configuration time and maintenance overhead.
- Utilized AWS SDK for Node.JS and Javascript applications to enable API integrations.
- Distributed platform across geographically diverse regions for increased uptime.
- Architected proper security and access management through IAM, STS, and SSH Keys.

### Fruition, Denver, CO July 2015 - June 2016

- Lead System Administrator/DevOps Engineer for a fast growing hosting platform.
- Increased service uptime 35% by creating MySQL Replica Set with HA-Proxy.
- Heightened scalability by utilizing EC2 services with RDS and configuration management.
- Created deployment strategies with Git, Capistrano, Vagrant, and Chef.
- Resolved after hours incidents and recovered from outages during on-call rotation.

## Certifications

- Amazon Web Services Certified Solutions Architect
- Amazon Web Services Certified Developer
- Amazon Web Services Certified SysOps Administrator
- CompTIA Security+ Certification - SY0-401
- WatchGuard Firewall Essentials and Policies Certification

## Education

Bachelor of Science in Operations Management  
Kansas State University, Manhattan, KS 66502

