Graham Krizek
Infrastructure Engineer

graham@krizek.io
https://krizek.io
4439 S Pearl St
Englewood, CO 80113
620-755-1703

Summary

Motivated AWS certified DevOps Engineer with more than 4 years of hands-on experience. Proven history of successfully architecting and problem solving a variety of complex systems utilizing modern tools and software. Proficient in full stack infrastructure engineering in the cloud and on-premise with a focus on high-availability and distribution.

Skills

- **Infrastructure:** AWS, CentOS, Ubuntu, CoreOS, VMware, NGINX, HA-Proxy
- **Tools:** Chef, Docker, Kubernetes, Capistrano, Nagios, Cloudwatch
- **Data:** MySQL, MongoDB, Redis, S3, RDS, DynamoDB
- **Development:** Git, Node.JS, HTML, CSS, Javascript, Bash, Vagrant, SDKs, APIs

Experience

NodeSource,   Remote (Current)   March 2017 - Present

- Build microservices that enable features in the NodeSource Platform.
- Extend CI/CD systems for maximum automation and efficiency.
- Maintain infrastructure that enables 70% of the world's Node.JS downloads.
- Implement self-service tools that enable engineering teams to deploy, manage and monitor the infrastructure for their applications.

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

- DevOps lead responsible for AWS and On-Premise environments running primarily Linux.
- Increased availability and site speed 20% by utilizing NGINX, ELB, and EC2 Auto-Scaling.
- Reduced AWS costs by 30% while increasing product efficiency with SQS, S3, and EFS.
- Implemented Chef with Cloudformation to reduce server configuration and maintenance.
- Utilized AWS-SDK in Node.JS and Javascript applications for API integration.
- Distributed platform across geographically diverse regions for increased uptime.
- Incorporated micro-services into development and deployment pipeline.
- 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.
- Decreased network latency and management in VPC and in on-premise firewalls.
- 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.

Graham Krizek
Infrastructure Engineer

graham@krizek.io
https://krizek.io
4439 S Pearl St
Englewood, CO 80113
620-755-1703

Certifications

- Amazon Web Services Certified Solutions Architect - ID: AWS-ASA-23233
- CompTIA Security+ Certification - SY0-401
- WatchGuard Firewall Essentials and Policies Certification
- Chef Essentials and Intermediate Training at Develop Intelligence in Boulder, CO

Personal Projects

Krate - [In Development]

- Containers for ChatOps. A service that allows you to streamline development and debugging, especially in distributed environments.
- Written with CoffeeScript and Node.JS running on AWS Lambda with a MongoDB backend. Docker containers are handled by Kubernetes on top of CoreOS.

Ghostwall - https://ghostwall.io

- A social media platform where users share disappearing photos, videos, and messages around specific locations.
- Written with Meteor (Node.JS) and custom NPM modules. Utilizes MongoDB for backend storage.

Git Random - https://gitrandom.com -

- A random GitHub repository finder.
- Written with Meteor (Node.JS) and utilizes the GitHub API.

Education

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

amazon web services | Certified
Solutions Architect - Associate