Serge Khorchidian

Los Angeles, CA | serge@khorc.com | serge.khorc.com

Summary

Results-driven Senior DevOps Engineer with 10+ years of experience designing and implementing complex DevOps solutions for cloud-based environments. Proficient in developing automation tools, optimizing CI/CD pipelines, and managing infrastructure as code. Looking for a new challenge to learn and grow.

Experience

USA Today Network | LocaliQ - Senior DevOps Engineer   Oct '18 - Current

- Led the successful migration of 80+ applications from AWS EC2, AWS ECS, and on-premise data centers to Google Cloud Kubernetes using Helm, Docker, Hashicorp Vault, and Github Actions.
- Wrote Dockerfiles for Java, Ruby, and Node.js applications to prepare for Kubernetes.
- Automated build and deploy pipelines using shared Github Action workflows across the organization.
- Spearheaded security initiative to minimize OS and application vulnerabilities found within Docker images.
- Developed a Python Terraform wrapper to simplify server deployment for non-programmers.
- Created a Cloud Function to manage daily database backups to cloud storage with file rotation and scheduling.

Jukin Media - DevOps Engineer   Dec '16 - Oct '18

- Accelerated application build and deploy times by 50% through parallelization and custom AWS EC2 AMI images for Jenkins build agents.
- Developed a weekly automated job that extracted and sanitized production data from Postgres and Elasticsearch for use in the QA environment.
- Created an AWS Cloudwatch monitoring solution to record queue data from Redis.

Doctorsoft - Junior Systems Administrator   Dec '13 - Dec '16

- Maintained and improved cloud infrastructure on AWS.

Skills

- Proficient in Linux, Docker, Kubernetes, Helm, Terraform, Python, Bash, MySQL, Postgres, Redis, Jenkins, Github Actions, Puppet, and Chef.
- Experienced with Google Cloud Platform (GCP) and Amazon Web Services (AWS).