Michael Lopez

GCP DevOps Engineer: Engineering and Deploying Solutions For More Reliable Environemnt

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SUMMARY

GCP DevOps Engineer with 8+years of experience in engineering, deploying, and maintaining cloud-based solutions to optimize performance. ISO 27001 certified allowing a better understanding at necessary measures to create a 100% secure digital environment, compliant with CISA policies and regulations. Deploying continuous integration (CI), continuous delivery (CD) to increase the collaboration between DevOps and Operations by 45%.

EXPERIENCE

GCP DevOps Engineer

Lessard   📅 2022 - Ongoing   📍 Glenwood, IA

Lessard is Software Development Company we provide all kind of Software Solution, Web Hosting Service, Cloud Service.

- Configuring, developing, and monitoring GCP services and other cloud services (IAM, networking, etc.) to increase delivery speed by 65%
- Assured the system is 100% reliable by protecting the GCP with various precautions - from employee security training to eminently deploy system vulnerabilities patches
- Worked within a team of 6 DevOps engineers to ensure successful system implementations, automation of processes, further develop cybersecurity measures, and compliance with operational risk standards

Senior DevOps Engineer

Bernier   📅 2018 - 2021   📍 Charleston, SC

Bernier is a health and fitness mobile app powered with AI to select training journeys and exercises that best fit your body and goals.

- Maintained and optimized a 40-node Elasticsearch cluster that collects 1 billion documents daily
- Created the new PCI-DSS RHEL 6 hardening for the company
- Implemented Dockers to enhance developer productivity by 30% and server consolidation and Management by 20%
- Guided and trained a team of 20 DevOps

DevOps Engineer

Rolph   📅 2014 - 2018   📍 Fort Meyers, FL

Rolph is a software development company, delivering products ranging from web and mobile applications to complex back-end solutions.

- Ensured 100% code coverage through unit testing and integration tests for all critical use cases
- Worked with Aws services (EC2, S3 Buckets, IAM, ELB, Route 53, VPC, Amazon RDS, CloudWatch, Lambda)
- Managed a Chef environment with 250 roles, 400 cookbooks, and 3,000 nodes

CERTIFICATION

Professional Cloud DevOps Engineer

ISO 27001

AWS Certified Solutions Architect

SKILLS

GCP   AWS CloudFormation   Azure

Json   Tensorflow   TeamCity

HashiCorp Terraform   Jenkins

EDUCATION

Bachelor of Science in Software Development

Hodges University

📅 2010 - 2014   📍 Fort Meyers, FL

STRENGTHS

Optimizing Service with TCO
Integrated VMs and products based on utilization, cutting costs by $500K/year.

CI/CD pipelines
Improving CI/CD processes with automation testing, canary releases, branching, SCA to make the pipeline 55% faster.

Cloud Monitoring
Collected crucial data from Compute Engine, GKE, and Kubernetes to monitor SLO. Created a 100% secure environment by managing access control and integrating alert policies.

INDUSTRY EXPERTISE

Configuring Kubernetes-Based Solutions & Clusters

Infrastructure as A Code Tools

Implementing CI/CD