Jesus Anaya
Barranquilla, Colombia | +57 (300) 929-0629 | jdtorrenegra@outlook.com

DEVOPS AND SRE ENGINEER:

A recently moved back to Colombia, highly motivated and results-oriented DevOps with 4+ years of experience designing, implementing, and managing complex, secure and scalable cloud solutions.

SKILLS:

Development & Operations: Kubernetes, Helm, Kustomize, GitOps, GitLab CI, Argo CD, Argo Workflows, Docker, Terraform, PromQL, Python, C, SQL, Unix/Linux, k6, Jira, Confluence, Okta, Shell, Bash, Ansible
Monitoring & Observability: Datadog, PagerDuty, Prometheus, Grafana, Loki
AWS: EKS, ECR, VPC, IAM, Lambda, S3, API Gateway, EC2, Route 53, ECS
GCP: GCE, GKE, Cloud DNS, Cloud Storage, Containers, VPC, IAM, Cloud Run, Cloud Build, SQL

EXPERIENCE:

Site Reliability Engineer at Dolby Laboratories: April 2022 – October 2023

- Facilitated infrastructure support for Dolby Hybrik proprietary encoder workflows, ensuring partner companies maintain continuous access to experimental and emerging audio codecs.
- Contributed to a 24/7 on-call rotation, adeptly triaging issues, executing runbooks to restore services, and meticulously documenting outages in comprehensive postmortems.
- Managed a self-hosted logging stack on Kubernetes, leveraging Grafana, Loki, Nginx, and Promtail Helm Charts. Significantly decreased log ingestion costs compared to Datadog by utilizing an AWS S3 object storage backend.
- Orchestrated the deployment, upgrading, and configuration of ArgoCD 'Management' Cluster using Terraform & Kustomize on a secure corporate VPN. Enabled a secure continuous delivery solution with access to corporate GitLab for managing over 10 Kubernetes clusters and orchestrating 100+ application services.
- Authored comprehensive runbooks for executing rollouts, rollbacks, upgrades, customer onboarding, and disaster recoveries. Ensured clear documentation for KTLO (Keeping the Lights On) and on-call service mitigation with minimal service downtime.
- Automated the creation and management of Datadog resources (dashboards, synthetic tests, SLOs, monitors) with Terraform, eliminating manual toil and ensuring versioned, tested, and reproducible monitoring resources in new customer environments.
- Developed k6 load testing scripts for service cost modeling.
- Contoured Kubernetes cluster Helm Charts management via the Argo CD 'App of Apps' pattern, accelerating GitOps pipelines and enhancing organization by removing the Terraform Helm Provider and structuring microservices in a parent-child relationship.
- Optimized Kubernetes Datadog Agent ingestion, filtering only essential metrics & logs, resulting in a notable reduction in service costs by approximately 30%.

DevOps Engineer at PowerReviews: September 2021 – April 2022

- Enhanced infrastructure maintainability by leveraging Infrastructure as Code principles, enabling easy tracking of changes and facilitating rollbacks.
- Improved application performance by 20% by successfully migrating legacy services to cloud-native architectures on GCP and AWS, leveraging autoscaling and containerization technologies.
- Reduced operational expenses by optimizing resource utilization and cloud spending through targeted cost-saving strategies during cloud migration.

DevOps Engineer at Best Buy: April 2020 – September 2021

- Streamlined automated alerting thresholds, driving a notable reduction in meantime to resolution (MTTR) for production incidents.
- Strengthened version control mechanisms and rollback functionalities, contributing to a decrease in deployment-related errors.
- Orchestrated advanced strategies for blue-green/canary rollouts utilizing Argo CD & Argo Rollouts, leveraging PromQL data queries to intelligently manage rollouts and uphold service availability (Progressive delivery).

Software Engineer at Best Buy: May 2019 – April 2020

- Pioneered the creation of Python-powered internal tools, resulting in a 30% increase in system monitoring efficiency and a 20% reduction in response time to critical incidents.
- Actively participated in code reviews, leading to a 15% improvement in code quality and a 25% decrease in the number of bugs reported post-deployment.

EDUCATION:

- Bachelor's degree in Computer Science, Northeastern Illinois University — Chicago, IL, 12/2021.
- Associate of Science, Computer Science, Harry S Truman College — Chicago, IL, 12/2019.