

Jordan Martinez

DevOps Engineer | Platform Architect | Infrastructure Automation

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PROFESSIONAL SUMMARY

DevOps Engineer with 6+ years architecting cloud infrastructure and automating deployment pipelines for high-scale applications. Expert in Kubernetes, Terraform, and CI/CD implementation. Reduced deployment times by 85% and infrastructure costs by 40% through innovative automation solutions. Strong advocate for infrastructure-as-code and GitOps methodologies.

TECHNICAL PROFICIENCIES

<p>Cloud Platforms <i>(Expert)</i></p> <p>AWS (EC2, ECS, Lambda, RDS, S3), Google Cloud Platform, Azure</p>	<p>Container & Orchestration <i>(Expert)</i></p> <p>Docker, Kubernetes, Helm, Istio, OpenShift</p>
<p>Infrastructure as Code <i>(Expert)</i></p> <p>Terraform, CloudFormation, Ansible, Pulumi</p>	<p>CI/CD Tools <i>(Advanced)</i></p> <p>Jenkins, GitLab CI, GitHub Actions, CircleCI, ArgoCD</p>
<p>Monitoring & Observability <i>(Advanced)</i></p> <p>Prometheus, Grafana, ELK Stack, Datadog, New Relic</p>	<p>Programming <i>(Advanced)</i></p> <p>Python, Go, Bash, JavaScript/Node.js</p>
<p>Databases <i>(Intermediate)</i></p> <p>PostgreSQL, MongoDB, Redis, Cassandra</p>	

FEATURED PROJECTS

Kubernetes Multi-Tenant Platform

2023

Lead DevOps Engineer

Designed and implemented multi-tenant Kubernetes platform serving 50+ development teams

Challenge:

Needed to provide isolated environments while maintaining cost efficiency and security

Solution:

Built custom operators for namespace provisioning, implemented RBAC with OPA policies, and created self-service portal

Impact:

- Reduced environment provisioning time from 2 days to 5 minutes
- Achieved 99.99% platform availability
- Saved \$500K annually through resource optimization

Kubernetes Go Terraform Prometheus Grafana OPA

github.com/jmartinez/k8s-platform

Zero-Downtime Migration Framework

2022

Technical Lead

Orchestrated migration of 200+ microservices from on-premise to AWS cloud

Challenge:

Migrate production services without customer impact while maintaining data consistency

Solution:

Implemented blue-green deployment strategy with automated rollback capabilities and real-time sync

Impact:

- Completed migration with zero customer-facing downtime
- Reduced infrastructure costs by 35%
- Improved application performance by 40%

AWS Terraform Python Docker RDS DynamoDB

GitOps CI/CD Pipeline Automation

2022

DevOps Engineer

Revolutionized deployment process using GitOps principles and automated pipelines

Challenge:

Manual deployments were error-prone and took 4+ hours per release

Solution:

Implemented ArgoCD with GitHub Actions, automated testing, and progressive delivery

Impact:

- Reduced deployment time from 4 hours to 15 minutes
- Decreased failed deployments by 90%
- Enabled 10x increase in deployment frequency

ArgoCD GitHub Actions Helm Kubernetes Flagger

github.com/jmartinez/gitops-pipeline

Infrastructure Cost Optimization Tool

2021

Creator

Open-source tool for analyzing and optimizing cloud infrastructure costs

Challenge:

Teams lacked visibility into resource usage and cost allocation

Solution:

Built Python-based analyzer with recommendations engine and Slack integration

Impact:

- 1,500+ GitHub stars, 50+ contributors
- Helped organizations save average of 30% on cloud costs
- Featured in DevOps Weekly newsletter

Python AWS Cost Explorer API Pandas FastAPI React

github.com/jmartinez/cloud-optimizer

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer

Jan 2021 - Present

[TechScale Inc. - Austin, TX](#)

- Architected Kubernetes-based platform supporting 1B+ requests daily with 99.99% uptime
- Led infrastructure team of 4 engineers, mentoring on IaC best practices and automation
- Implemented comprehensive monitoring stack reducing MTTR from 45 to 8 minutes
- Automated security scanning in CI/CD pipeline, catching 95% of vulnerabilities pre-production

DevOps Engineer

Jun 2019 - Dec 2020

[CloudFirst Solutions - Remote](#)

- Migrated 50+ applications to containerized architecture using Docker and Kubernetes
- Built Terraform modules for standardized infrastructure provisioning across teams
- Reduced AWS costs by 40% through reserved instances and spot fleet optimization
- Established disaster recovery procedures with RTO of 1 hour and RPO of 15 minutes

Junior DevOps Engineer

Aug 2018 - May 2019

[DataFlow Systems - Dallas, TX](#)

- Automated server provisioning using Ansible, reducing setup time from days to hours
- Implemented centralized logging with ELK stack for 100+ servers
- Maintained Jenkins pipelines for continuous integration and deployment

EDUCATION

B.S. Computer Science

[University of Texas at Austin](#)

May 2018

Coursework: Distributed Systems, Cloud Computing, Network Security, Database Systems

CERTIFICATIONS

✓ Certified Kubernetes Administrator (CKA)

Cloud Native Computing Foundation, 2023

✓ AWS Solutions Architect Professional

Amazon Web Services, 2022

✓ HashiCorp Certified: Terraform Associate

HashiCorp, 2021

OPEN SOURCE CONTRIBUTIONS

Kubernetes: Contributed to ingress-nginx controller, fixing memory leak issue (PR #8234)

Terraform AWS Modules: Maintainer of terraform-aws-eks module with 2M+ downloads - Core Maintainer

Prometheus Operator: Added custom metrics support for StatefulSets (PR #4567)

SPEAKING ENGAGEMENTS

- KubeCon 2023: 'Scaling Kubernetes to 10,000 Nodes'
- DevOps Days Austin 2022: 'GitOps in Practice'
- AWS re:Invent 2022: 'Cost Optimization at Scale'