

DAVID MARTINEZ

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PROFESSIONAL SUMMARY

Results-driven DevOps Engineer with 2+ years of experience in automating and optimizing IT processes for high-performance system reliability. Proficient in CI/CD pipeline development, cloud infrastructure management (AWS), and container orchestration (Docker, Kubernetes). Expertise in monitoring solutions (Prometheus, Grafana), Infrastructure as Code (Terraform, Ansible), and scripting (Python, Java, Golang) to enhance efficiency and reliability. Proven ability to reduce deployment failures by 50% and improve system uptime to 99.9%. Adept at collaborating with cross-functional teams to drive seamless software delivery.

TECHNICAL SKILLS

Cloud Platforms: AWS (IAM, EC2, Lambda, VPC, ELB, Route 53, S3, RDS, CloudWatch, EKS, ECS)
CI/CD Tools: Jenkins (Declarative Pipeline), GitHub Actions
Infrastructure as Code (IaC): Terraform, Ansible
Containerization & Orchestration: Docker, Kubernetes
Monitoring & Logging: Prometheus, Grafana, Node Exporter, ELK Stack (Elasticsearch, Logstash, Kibana, Filebeat)
Operating Systems: Linux (System Administration, Shell Scripting)
Programming & Scripting: Python, Golang, Java
Databases: MySQL, Cassandra

PROFESSIONAL EXPERIENCE

Glassbeam, Inc.

DevOps Engineer | White Plains, NY | Feb 2023 – Present

- Implemented enterprise-level monitoring solutions using Prometheus, Node Exporter, and Grafana, ensuring real-time system visibility and reducing incident response time by 40%.
- Optimized CI/CD pipelines, integrating Kafka, Cassandra, and Ansible, which reduced deployment errors by 50%.
- Automated system updates and deployments using GitHub webhooks and Ansible, decreasing manual intervention by 80%.
- Developed Kubernetes-based microservices monitoring, enhancing cluster performance and application reliability.
- Configured ELK stack (Elasticsearch, Logstash, Kibana) for centralized log management, improving security auditing and anomaly detection.

KEY PROJECTS & TECHNICAL IMPLEMENTATIONS

PROJECT: CI/CD Automation for Customer Onboarding

- Designed and implemented a fully automated CI/CD pipeline integrating Kafka topics, Cassandra keyspaces, and H2 configurations, reducing deployment time by 50%.
- Mechanized environment updates using Ansible and shell scripting, decreasing manual intervention by 80%.
- Enhanced system reliability by implementing rollback mechanisms and versioning, ensuring zero downtime during updates.

ACHIEVMENTS

- Reduced deployment failures by 50% through robust CI/CD automation, DevOps best practices, and workflow orchestration.
- Revamped system monitoring, proactive alerting, and incident response, improving uptime to 99.9%.
- Optimized cloud infrastructure, cost management, and resource allocation, reducing AWS costs by 20%.

EDUCATION

B.E. in Electronics and Communication Engineering

Pace University – Pleasantville, NY | June 2023 | GPA: 7.8/10

CERTIFICATIONS

AWS Certified Solutions Architect – Associate, Certified Kubernetes Administrator (CKA), Microsoft Certified: DevOps Engineer