

# Marcus Okonkwo

## DevOps Engineer

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### SUMMARY

DevOps engineer with eight years automating build, deploy, and infrastructure work for high-traffic SaaS platforms on AWS. Rebuilt delivery pipelines that cut release lead time from 3 days to 40 minutes, and now runs a 45-service Kubernetes estate at 99.95% uptime while the engineering organization doubled to 120 people.

### EXPERIENCE

#### DevOps Engineer — Brightvale Labs

2021 – Present

- Run a 45-service Kubernetes platform spanning 3 AWS regions for 2M monthly users; uptime held at 99.95% over 12 months
- Rebuilt CI/CD in GitLab with reusable pipeline templates, cutting release lead time from 3 days to 40 minutes for 12 teams
- Moved 100% of infrastructure into versioned Terraform modules, shrinking environment spin-up from 2 weeks to 4 hours for new services

#### Site Reliability Engineer — Kestrel Data

2019 – 2021

- Introduced Prometheus and Grafana observability across 30 services, cutting mean time to detection from 25 minutes to 6
- Automated on-call runbooks in PagerDuty that resolved 40% of overnight pages for 30 services without waking an engineer

#### Systems Engineer — Foxglove Media

2018 – 2019

- Managed 200 Linux servers and a Jenkins build fleet supporting 60 developers across three product groups and two datacenters
- Scripted OS patching in Ansible, lifting fleet compliance from 71% to 99% within six months of taking ownership

### EDUCATION

#### B.S. Computer Science — Georgia State University

2018

### SKILLS

- |                          |                          |
|--------------------------|--------------------------|
| • Kubernetes             | • Docker                 |
| • AWS (EC2, EKS, RDS)    | • Terraform              |
| • GitLab CI              | • Helm                   |
| • Linux                  |                          |
| • Prometheus             | • Grafana                |
| • Datadog                | • PagerDuty              |
| • OpenTelemetry          |                          |
| • Infrastructure as code | • Blue-green deployments |
| • Incident response      | • Capacity planning      |
| • Cost monitoring        |                          |

### CERTIFICATIONS

AWS Certified DevOps Engineer - Professional

Certified Kubernetes Administrator (CKA)