Thaddeus Okonkwo-Brandt

Platform Engineer
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SUMMARY

Platform engineer with 7 years building internal developer platforms on Kubernetes and AWS. Built a self-service service template and pipeline that 34 teams use for 260 services, cutting time to first production deploy from 3 weeks to 2 days. Treats developers as customers and measures the platform by how little they have to think about it.

EXPERIENCE

Senior Platform Engineer — Rivulet Streaming

Portland, OR · Feb 2022 – Present

- Built a Backstage-based developer portal with 9 service templates, used by 34 teams to create 260 services and cutting time to first production deploy from 3 weeks to 2 days.
- Moved 180 services from hand-written manifests to a shared Helm library and Argo CD, raising deploys from 40 to 310 a week with change failure rate under 4%.
- Rolled out Karpenter and right-sizing reports across 6 EKS clusters, cutting monthly compute spend by $86,000 without a single capacity incident.
- Ran quarterly developer surveys and office hours, raising platform satisfaction from 3.1 to 4.4 out of 5 over 18 months.

DevOps Engineer — Cartwell Logistics Software

Beaverton, OR · Jul 2019 – Jan 2022

- Wrote 40 Terraform modules for networking, databases and queues, letting 12 teams provision standard AWS stacks in under 30 minutes.
- Replaced a Jenkins server with GitHub Actions reusable workflows for 95 repositories, cutting median pipeline time from 24 to 9 minutes.
- Set up Prometheus, Grafana and Alertmanager for 3 clusters, reducing noisy pages by 60% after an alert review with each team.

SKILLS

Cloud and orchestration: AWS (EKS, IAM, VPC, RDS), Kubernetes, Helm, Karpenter

Infrastructure as code: Terraform, Crossplane, Terragrunt, Open Policy Agent

Delivery and portals: Argo CD, GitHub Actions, Backstage, Renovate

Languages and observability: Go, Python, Bash, Prometheus, Grafana, OpenTelemetry

CERTIFICATIONS

Certified Kubernetes Administrator (CKA)

AWS Certified Solutions Architect – Associate

EDUCATION

B.S. Computer Engineering, Oregon Institute of Technology, 2018

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