

UFEDO AUDU

SENIOR PLATFORM ENGINEER | INTERNAL DEVELOPER PLATFORMS | CLOUD & KUBERNETES

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PROFESSIONAL SUMMARY

Senior Platform Engineer with 7+ years of experience designing, automating and operating cloud-native platforms across AWS, Azure and GCP. Specializes in Kubernetes, Terraform-based Infrastructure as Code, GitOps, CI/CD, observability, SRE and Internal Developer Platforms using Backstage. Proven record supporting 150+ production services, reducing self-service provisioning time by 45% and improving engineering efficiency through reusable platform components, golden paths, automation, security guardrails and reliability practices.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EC2, EKS, VPC, IAM, S3, RDS, Lambda, CloudWatch, Route 53), Azure (AKS, VMs, App Services, Functions, Storage, Azure Monitor), GCP (GKE, Compute Engine, Cloud Storage), Multi-Cloud Architecture, High Availability, Disaster Recovery, Networking, FinOps

Platform Engineering: Backstage, Internal Developer Platforms (IDP), Software Catalog, Scaffolder, Golden Paths, Self-Service Infrastructure, Service Templates, Developer Experience, Platform APIs, DORA Metrics, Platform-as-a-Product

Kubernetes & Containers: Kubernetes (EKS, AKS, GKE), Docker, Helm, Kustomize, Istio, Linkerd, RBAC, Ingress, HPA/VPA, Multi-Cluster Operations, Workload Scheduling, Container Security

IaC & Configuration: Terraform, Reusable Modules, Remote State, CloudFormation, Pulumi, AWS CDK, Ansible, Infrastructure Governance, Drift Management, Policy-as-Code

CI/CD & GitOps: GitHub Actions, Jenkins, GitLab CI/CD, Azure DevOps, Argo CD, FluxCD, Spinnaker, Tekton, GitOps, Blue-Green Deployments, Canary Releases, Automated Rollback

SRE & Observability: Prometheus, Grafana, Datadog, ELK/EFK, OpenTelemetry, Jaeger, Distributed Tracing, Logging, Alerting, SLIs/SLOs, Error Budgets, Incident Response, RCA, Chaos Engineering

Security & DevSecOps: IAM, RBAC, HashiCorp Vault, AWS Secrets Manager, OPA, Kyverno, Zero Trust, SAST, DAST, Secrets Management, SOC 2, ISO 27001, Security Guardrails

Automation, Data & AI: Python, Go, Bash, SQL, YAML, Node.js, REST APIs, gRPC, Apache Airflow, AWS SageMaker, Kubeflow, OpenAI APIs, LLM Integration, RAG, Vector Databases

PROFESSIONAL EXPERIENCE

HelloFresh | Nov 2024 - Present

Senior Platform Engineer

- Engineer and enhance a Backstage-based Internal Developer Platform using Software Catalog, Scaffolder templates, service ownership metadata and reusable golden paths, reducing self-service infrastructure provisioning time by 45%.
- Operate multi-cloud platform services across AWS and Azure supporting 150+ production services, standardizing infrastructure patterns for Kubernetes, networking, IAM, secrets and application delivery.
- Manage EKS and AKS workloads with Kubernetes, Helm and Kustomize, strengthening deployment consistency through GitOps workflows, declarative configuration, autoscaling and environment standardization.
- Build and optimize CI/CD and GitOps pipelines with GitHub Actions and Argo CD, introducing automated validation, progressive delivery, rollback controls and release governance for cloud-native services.
- Improve platform reliability through Prometheus, Grafana, ELK, SLI/SLO monitoring, alert tuning, incident response and root-cause analysis, enabling faster detection and recovery from production issues.
- Implement security guardrails with IAM, RBAC, secrets management and policy-driven controls, embedding least-privilege access and compliance checks into platform workflows rather than manual approval gates.
- Support MLOps and data-platform workflows using AWS SageMaker and Apache Airflow, maintaining repeatable pipelines for model training, orchestration, scheduling and production workload processing.
- Partner with application, security and SRE teams to improve developer experience, platform adoption, documentation, operational runbooks and DORA-aligned delivery practices.

Comcast Corporation | May 2020 - Nov 2024

Senior DevOps Engineer

- Built and maintained reusable AWS and Azure infrastructure with Terraform and CloudFormation, standardizing VPC, IAM, compute, storage and Kubernetes provisioning across multiple production environments.
- Designed CI/CD pipelines using Jenkins and GitLab CI/CD with automated build, test, security and deployment stages, reducing average build and release processing time by 35%.
- Administered EKS and AKS platforms hosting 80+ containerized services, using Helm, RBAC, autoscaling, ingress and rollout controls to improve deployment repeatability and workload resilience.
- Expanded production observability with Prometheus, Grafana, ELK, dashboards and alert routing, reducing non-actionable alert noise by 40% and improving incident triage for engineering teams.
- Automated operational workflows with Python, Bash and Infrastructure as Code, reducing repetitive platform administration and improving consistency across cloud environments.
- Maintained Apache Airflow data pipelines and Python DAGs for scheduled processing, dependency management, retries, monitoring and downstream analytics workflows.
- Implemented IAM and Kubernetes RBAC controls across AWS and Azure, strengthening least-privilege access, service-account governance, secrets handling and audit readiness.
- Optimized cloud utilization through right-sizing, autoscaling, lifecycle policies, tagging and usage monitoring, supporting FinOps practices and more efficient infrastructure spend.

EHealth4everyone | Jan 2019 - May 2020

DevOps Engineer

- Architected AWS infrastructure with Terraform across multi-Availability Zone environments, supporting 40+ application and platform services with scalable networking, compute, storage and access controls.
- Developed Jenkins CI/CD pipelines for automated build, testing, artifact handling and deployment, improving release consistency while reducing manual deployment steps across application environments.
- Automated provisioning and configuration with Terraform, Ansible, Bash and reusable scripts, reducing manual infrastructure effort by 65% and minimizing configuration drift.
- Implemented Datadog monitoring, centralized logging, dashboards and alerting to improve production visibility, accelerate issue detection and strengthen operational response practices.
- Containerized applications with Docker and supported Kubernetes-based deployments, standardizing runtime configuration, environment promotion, health checks and rollback procedures.
- Collaborated with software engineering and QA teams to improve deployment workflows, release readiness, environment stability and troubleshooting across the SDLC.
- Mentored junior engineers through code reviews, documentation, runbooks and hands-on guidance in AWS, Terraform, CI/CD, Linux and DevOps automation.

EDUCATION

University of Derby | Master of Science in Information Technology | Aug 2023 - Nov 2024

Federal University of Technology, Minna | Bachelor of Technology in Mathematics & Statistics | Oct 2013 - Dec 2018

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)
- AWS Certified Solutions Architect - Associate