

Richard Bonsu

Platform Engineer | AWS . Kubernetes . Terraform . CI/CD . AI-Agentive Workflows

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SUMMARY

Platform engineer with 6 years running production infrastructure — from Hyatt's enterprise AWS environment to an 8-cluster EKS platform at Innovid, powering connected-TV advertising. Built the Innovid platform for developer self-service by design: engineers deploy, observe, and debug their own services — no ticket to DevOps required. Builds and runs agentic engineering workflows using Claude Code, custom skills, and Jira MCP, PR-gated against production infrastructure across 30 repositories.

EXPERIENCE

Platform Engineer — Innovid, Chicago, IL

Nov. 2022 – Present

- Engineered an AI-assisted PR review workflow using Claude Code, GitHub Actions, and Jira MCP across 30 repositories, catching missed requirements and exposed secrets before merge
- Built a Claude Code log-diagnostics skill that correlates Kibana error patterns with live Kubernetes state — collapsed a 20-minute manual trace into one command on a production OOM-kill incident
- Provisioned and managed 8 Terraform-managed EKS clusters across development, staging, and production, including autoscaling and repeatable cluster rebuilds during infrastructure module changes
- Designed and operated a centralized EFK logging platform with S3 archival across 10 services, consolidating Kubernetes application and infrastructure logs and enabling full-text search
- Automated Kubernetes application delivery through ArgoCD and GitOps, sustaining 45 deploys/week with automated synchronization and self-healing that eliminated manual deployment steps
- Caught a sustained memory climb on a production service via Prometheus/Grafana alerting and resolved it same-day, before it affected customers

Platform Engineer — Hyatt Corporation, Chicago, IL

Sept. 2020 – Oct. 2022

- Automated application delivery with GitHub Actions, replacing manual application preparation, deployment, and post-deployment validation and reducing deployment time from 30 minutes to 5 minutes
- Migrated centralized application logging from CloudWatch to EFK, enabling full-text search and cross-service troubleshooting for production workloads
- Hardened AWS IAM permissions across application and infrastructure resources using least-privilege principles — removed 30% of permissions across 8 roles, shrinking the blast radius of a compromised credential or workload
- Tuned Grafana monitoring and alerting thresholds to cut noisy, duplicate paging for the same incident

TECHNICAL SKILLS

Cloud: AWS, EKS, EC2, VPC, IAM, Secrets Manager, S3, CloudWatch

Containers & Platform: Kubernetes, Docker, Linux

Infrastructure as Code: Terraform

CI/CD & GitOps: GitHub Actions, ArgoCD

Observability: Prometheus, Grafana, CloudWatch, Elasticsearch, Fluentd, Kibana

AI-Agentive Engineering: Claude Code, Custom Agent Skills, MCP Servers, CLAUDE.md, AGENTS.md, AI-Assisted Incident Investigation

Scripting: Bash, Python

Version Control: Git, GitHub

EDUCATION & CERTIFICATIONS

- Bachelor's in Construction Technology Education — University of Education, Winneba, Ghana
- Higher National Diploma in Building Technology — Kumasi Technical University, Ghana
- CKAD — Certified Kubernetes Application Developer