

Ibukun Olatayo Dairo

Remote, worldwide.

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Professional Summary

Computer scientist and principal engineer with 11+ years of experience at the intersection of distributed systems and infrastructure reliability. Platform Engineer at Pluto TV (Paramount Skydance) and founder of Cuesoft Inc., an AI company that builds its own engineers. PhD researcher in Computer Science at the University of North Dakota from August 2026, studying AI-driven methods for infrastructure reliability and how multi-modal observability enables accurate fault prediction. Track record of building resilient systems, mentoring engineers, and leading teams across three continents.

Core Skills

- Distributed Systems and Reliability: Kubernetes, Terraform, ArgoCD, OpenTelemetry, Datadog, Prometheus, PagerDuty, SLOs
- Cloud Infrastructure: AWS, GCP, Docker, GitHub Actions, CircleCI, CI/CD, Linux, Helm, GitOps
- Languages: Go, TypeScript, Node.js, Python, JavaScript, Bash
- Databases and Streaming: PostgreSQL, Redis, MongoDB, MySQL, Kafka
- Leadership: Technical leadership, system design, engineering management, business strategy, coaching and mentoring, open-source software

Professional Experience

Founder & CEO, Principal Engineer, Cuesoft Inc.

Delaware, United States and Lagos, Nigeria (Remote) | April 2017 - Present

- Built Cuesoft from a services practice into an AI company that builds its own engineers, operating three divisions: CueTA (talent academy) trains engineers on live AI work, CueLABS proves them in public on open-source products, and CueHIRE delivers them to companies.
- Founded CueTA, the talent academy. 100+ engineers mentored through Cuesoft Inc. since 2017, across all three divisions.
- Delivered Cueprise, a licensing-based commerce engine for African businesses, operated as one isolated deployment per client.
- Secured over \$250,000 in cloud credits and partner support from AWS, Google Cloud, Datadog, and GitHub.
- Host of The CueShow, the Cuesoft podcast, with a 20,000+ subscriber YouTube channel.

Platform Engineer (Contract via Andela), Pluto TV (Paramount Skydance)

California, United States (Remote) | September 2021 - Present

- Led the migration to OpenTelemetry standards across the organization, personally authoring the standardized logging library that keeps telemetry consistent across 70+ microservices.
- Drove SLO-driven monitoring with golden-signal dashboards and monitors, reducing critical incidents by 35% and decreasing mean time to recovery by 40%.
- Oversee platform infrastructure and library upgrades, ensuring stability and performance of web applications and a video streaming platform serving millions of users.

Senior DevOps Engineer (Contract via HackerBay), Traive Inc.

Massachusetts, United States (Remote) | September 2021 - April 2025

- Founding SRE: sole DevOps and reliability engineer from pre-seed onward, supporting 20+ engineers across three continents and architecting the entire cloud strategy.
- Architected and deployed a secure multi-tenant IAM and platform system on Kubernetes, providing isolated environments and dedicated databases for each client.
- Configured and maintained AWS infrastructure with Terraform modules and established organization-wide CI/CD best practices using GitHub Actions and Datadog, leading to a 90% reduction in infrastructure downtime.

Senior Software Engineer (Contract), HackerBay Inc. (OneUptime)

Massachusetts, United States (Remote) | August 2019 – August 2021

- Built core pieces of the OneUptime open-source SRE and monitoring platform, focusing on real-time alerting infrastructure, monitoring probes, and open-source contributions.
- Developed the Server Monitor npm package, a daemon that monitors CPU, memory, and temperature on client machines and forwards data for alert configuration.
- Made the platform website fully mobile responsive, removing the immediate need for a separate mobile application.

Early Career

Creditclan, CloudWare Technologies, Orbi | Lagos and Oyo, Nigeria | April 2015 – July 2019

Progressed from Software Developer to Lead Software Developer across four years of full-stack web and mobile development with Node.js, Angular, Vue.js, and Ionic. Led development of fintech applications, including the 700lenders marketplace, and gained early production experience with Linux servers, custom mail servers, and DevOps fundamentals.

- Creditclan, Lead Software Developer, December 2017 – July 2019
- CloudWare Technologies, Web Developer, August 2016 – November 2017
- Orbi, Software Developer, April 2015 – July 2016

Education

- University of North Dakota, PhD in Computer Science, from August 2026. Research: AI-driven methods for infrastructure reliability.
- Nexford University, MBA in International Business, E-commerce, and Artificial Intelligence, August 2023 – July 2025
- University of Ibadan, BSc in Computer Science, May 2014 – February 2018
- Udacity, AI Programming with Python Nanodegree, April 2021 – May 2021

Certifications and Training

- LLM Engineering: Master AI, Large Language Models and Agents
- GitHub Copilot
- Management Essentials
- Agile Foundations

Open Source

- agent-sync (author): single-file POSIX sh CLI that synchronizes AI coding agents' memory across 17 tools. <https://github.com/hibeekaey/agent-sync>
- OneUptime (core contributor): open-source observability platform. <https://github.com/OneUptime/oneuptime>
- oss-engineering-standards (maintainer): the engineering standard behind the CueLABS portfolio, with a dependency-free manifest CLI. <https://github.com/cuesoftinc/oss-engineering-standards>