

# Eragbai Thomas Isokpehi

CLOUD ENGINEER | DEVOPS ENGINEER | PLATFORM ENGINEER

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## PROFESSIONAL SUMMARY

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Experienced DevOps Engineer with over 7 years of expertise in designing, deploying, and managing infrastructure solutions using Terraform. Skilled in automation, containerization, continuous integration/continuous deployment (CI/CD), and ensuring the scalability, security, and reliability of AI/ML platforms. Seeking a challenging role where I can leverage my skills and experience to contribute to the success of innovative projects.

## TECHNICAL SKILLS

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**CI/CD & Versioning Tools:** Jenkins, Bamboo, Gitlab, Git, Centralized Servers: GitHub, Bitbucket

**Cloud Service:** Amazon web services (AWS), Azure, Google Cloud

**Operating Systems:** Windows, Linux, MacOS

**Containerization and Orchestration:** Kubernetes, Helm, Rancher, Docker

**Build Tools:** Maven, Gradle, Ant

**Configuration Management:** Ansible, Terraform

**Programming Language:** C, Python, Bash Scripting, JavaScript

**Project Management Tool:** Jira, Confluence, ServiceNow, Azure Devops,

**Monitoring & Logging:** Cloud Watch, Datadog, Prometheus, Grafana, Elastic stack (EFK/ELK)

**Database:** MySQL, PostgreSQL, MongoDB, Amazon Aurora, Dynamo DB

**Soft Skills:** Collaboration, Critical Thinking, Incident Management, On-Call Support, Excellent communication skills, Project Management, Attention to detail, Troubleshooting and problem solving.

## PROFESSIONAL QUALIFICATIONS

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**Balm.ai**, San Jose California

JAN 2023 – Present

DevOps Engineer

- Designed, deployed, and managed infrastructure solutions using Terraform, ensuring scalability, security, and reliability.
- Developed and maintained infrastructure as code scripts to automate the provisioning and configuration of resources, following IAC best practices.
- Implemented and managed Kubernetes clusters for containerized applications, collaborating with development teams to deploy, scale, and optimize applications.
- Leveraged scripting languages like Python to automate routine tasks and streamline workflows, enhancing operational efficiency.
- Implemented CI/CD pipelines for efficient software delivery, ensuring seamless integration with infrastructure components.
- Designed and maintained scalable and reliable infrastructure for AI/ML platforms, implementing containerization (Docker) and orchestration (Kubernetes) solutions.
- Ensured containerized applications for AI/ML platforms are secure, scalable, and easily deployable, integrating AI/ML models into the platform's data pipelines.

**Freedom Mortgage, Mt Laurel, NJ**

FEB 2017 – DEC 2022

**DevOps Engineer**

- Worked closely with cross-functional teams to define requirements and influence new designs and standards as part of the product lifecycle.
- Developed software using Python and scripting programming languages to enhance automation and system efficiency.
- Ensured compliance with industry standards and security regulations, collaborating with security teams to address vulnerabilities and maintain the integrity of the gaming environment.
- Managed and maintained various environments, including development, staging, and production, troubleshooting and resolving environment-related issues.
- Fostered a collaborative and productive environment by promoting agile methodologies and best practices, working closely with development teams to understand their requirements and constraints.

**TD Ameritrade, Southlake Texas**

SEPT 2016– FEB 2017

**System Administrator**

As a system Administrator I managed the day-to-day configuration and maintenance of servers.

- Configured and maintained servers for CPU utilization, memory utilization, disk utilization for monitoring performance.
- Performed installations, configurations, and troubleshooting of Linux servers (Windows, CentOS, Red hat, Ubuntu)
- Managed firewall, network monitoring and server monitoring both on- and off-site
- Configure access for users.
- Managed packages, (Installations, update, and uninstallations)
- Configured and managed file permissions

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**EDUCATION****Per Scholas, Dallas, Texas**

JULY 2023 – NOV 2023

*AWS Re/Start Cloud Practitioner***ALX (Holberton School)**

OCT 2022 – Present

*Software Engineering***University of Lagos, Lagos, Nigeria**

OCT 2014 – DEC 2016

*Master's in international law*

- Diplomacy and Economic Law

**University of Lagos, Lagos, Nigeria**

SEPT 2006 – DEC 2010

*Bachelor of Arts English Language*

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**CERTIFICATIONS**

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| • Diageo License to Sell            | July 2015 |
| • Certified Scrum Master            | Sept 2023 |
| • AWS Certified Cloud Practitioner  | Oct 2023  |
| • AWS Solutions Architect Associate | Nov 2023  |
| • Project Management Professional   | Nov 2023  |
| • Cisco Networking Essentials       | Nov 2023  |