

# ABRAHAM SAMUEL OLUWATOBA

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## PROFILE

A highly proficient **DevOps Engineer** and Master's level student with 7+ years of experience specializing in robust **CI/CD pipeline construction**, **Docker/Kubernetes orchestration**, and secure **cloud infrastructure management (AWS, GCP)**. Proven ability to accelerate software delivery cycles by 40%, enhance system security, and drive high-impact automation initiatives. Seeking to leverage deep expertise in Infrastructure-as-Code and system reliability to support a cutting-edge technology team.

## EDUCATION

**MSc. Computing and Information Systems | University of Greenwich | 2024 – 2025**

- **MSc Project: Development and Evaluation of an Interactive Student Feedback Portal**
  - **Engineered** a real-time, interactive feedback portal using **Nodejs** (backend) and **React** (frontend) to replace legacy manual processes.
  - **Integrated** a high-performance **MongoDB** database for structured data management and retrieval.
  - **Managed** version control using **GitHub** for collaborative and iterative development.
  - **Deployed** the application using **Render**, utilizing its automated deployment pipelines and cloud platform features for a seamless, cost-effective CI/CD process.
  - **Conducted** in-depth comparative analysis of digital feedback models and applied pedagogical theories to inform the system's core functionality.

**B.Sc Computer Science | ESTAM | 2019 – 2022**

- **Solidified** foundational knowledge in data structures, algorithms, and software development lifecycles, forming the theoretical basis for modern DevOps practices.
- **Focused** coursework on operating systems and network architecture, which directly supported his subsequent work in Linux Administration and cloud engineering.

## WORK EXPERIENCE

### DevOps Engineer

**Darey.io | March 2020 – March 2024**

- **Scaled up and maintained** administered CI/CD pipelines, accelerating web application deployments by **40%**.

- **Regulated** AWS infrastructure provisioning using **Terraform and Ansible**, cutting provisioning time by 70% and verifying a **40% reduction** in infrastructure provisioning time.
- **Engineered** secure Docker images with strict security compliance, amplifying deployment speed by 35% and strengthening application security.
- **Employed Jenkins with Ansible playbooks** to orchestrate deployments, eliminating manual intervention by **60%** and improving reliability.
- **Supervised** GIT and webhooks for seamless integration with Jenkins, minimizing code integration conflicts by **30%**.

## Linux Administrator

### Glasskode Technologies Solutions (x Airpeace airline) | 2018 – 2020

- **Assessed** the current environment to advise on necessary changes for implementing **Kubernetes in AWS**.
- **Designed** highly available and scalable solutions in AWS leveraging **AWS ASGs and Availability Zones**.
- **Actively participated** in a high-performance solution architecture team that defined principles, standards, and practices to ensure best practices were followed.

## Technical Support Engineer

### Glasskode Technologies Solutions (x Airpeace airline) | 2017 – 2018

- **Programmed VMware and DNS SRV** to support high availability and disaster recovery, enhancing infrastructure resilience by **50%**.
- **Reduced** system downtime by **40%** by identifying and resolving technical issues using monitoring tools such as **Elasticsearch, Prometheus, and Grafana**.
- **Improved** application deployment efficiency by **30%** through streamlined containerization and automation.
- **Delivered** hardware and software installations, upgrades, and maintenance, boosting system performance by **25%**.

## VOLUNTEERING & PROJECTS

### DevOps Engineer

#### Cosmetrics Ai | April 2024 – Present

- **Led** the design and implementation of infrastructure solutions, incorporating best practices for disaster recovery, backup, and redundancy.
- **Created and managed** CI/CD pipelines using Jenkins and GitLab CI, enabling rapid and reliable software delivery.
- **Utilized** Docker and Kubernetes to containerize applications, ensuring consistent environments from development to production.

### Founding Developer (Infrastructure & Maintenance)

## GlobalHealthJobs [[globalhealthjobs.com](https://globalhealthjobs.com)] | 2015 – Present

- **Co-founded** the platform as a teenage developer, successfully translating a visionary idea into a working live service for global healthcare staffing.
- **Took responsibility** for core infrastructure, hosting, and system stability, ensuring the site could handle massive growth and maintain reliability for global partners.
- **Supported** critical global health initiatives, including the activation of **5,500 clinicians** during the Sudan floods and the coordination of medics after the Haiti earthquake.

## System Developer/Maintainer

## Femho.co.uk (Federation of Ethnic Minority Healthcare Organisations) [[femho.co.uk](https://femho.co.uk)] | 2022 – Present

- **Contributes** to the maintenance and development of the FEMHO platform, ensuring the technical stability of an organization focused on influencing UK healthcare policy regarding ethnic minority inequalities.

## AWARDS & RECOGNITION

- **Difference Maker Award** – Glasskode Technologies Solutions (November 29, 2019)
- **Extra Mile Award** – Glasskode Technologies Solutions (November 29, 2019)
- **Shining Star Award** – Glasskode Technologies Solutions (November 30, 2018)
- **Commended** for leadership, problem-solving, and reliability under pressure by Glasskode Technology.

## OTHER INFORMATION

- **NYSC (Military service for civic responsibility)** | 2023 – 2024

## HOBBIES AND INTERESTS

- **Music & Singing:** I enjoy listening to various genres of music, which helps me stay focused and relaxed, and I occasionally sing to improve my creative expression.
- **Building Home Labs:** I am constantly teaching myself new tools and architecture concepts by building and configuring my own Linux and Kubernetes clusters on personal hardware.
- **Competitive E-sports:** I play team-based strategy games, which helps me practice strong collaboration and high-pressure problem-solving skills in a fast-paced environment.

**REFERENCES AVAILABLE ON REQUEST**