

# Chesachi Kalu

## DevOps

✉ Email

📁 Portfolio

🐙 GitHub

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DevOps Engineer with a unique background transitioning from Aircraft Engineering, skilled in creating efficient CI/CD pipelines and optimizing cloud environments across IBM and AWS. Committed to delivering cost-effective solutions aligned with organizational fiscal goals in the dynamic landscape of cloud computing and DevOps.

## Relevant Experience

### Aircraft Engineer @ Dornier Aviation

Apr 2018 – 2023 // Nnamdi Azikiwe Intl Airport Abuja, NG

- ◆ Analyzed complex aircraft systems, showcasing expertise in diagnostics and problem resolution.
- ◆ Utilized advanced software tools for precise execution of routine and emergency maintenance tasks.
- ◆ Demonstrated meticulous attention to detail in documentation and manual operations.
- ◆ Engaged with high-profile clients, including oil industries and the United Nations, meeting diverse needs in high-pressure scenarios.

## Education

### ALX

Graduated 2023 // Full-time

#### Full-Stack Software Engineering

- ◆ Mastered object-oriented and functional programming, relational databases, networks, etc., through a rigorous 70-hour weekly program over 12 months, showcasing adaptability and swift learning.
- ◆ Enhanced proficiency in DevOps, DNS intricacies, and RESTful API integration, demonstrating the ability to dissect and understand multifaceted tech subjects.
- ◆ Cultivated grit and teamwork skills through collaborative projects, showcasing resilience in fast-paced development environments.

### Nigerian College of Aviation Technology

Graduated 2017 // Full-time

#### Aircraft Maintenance Engineering

- ◆ Acquired hands-on experience with troubleshooting complex systems, emphasizing root cause analysis and problem-solving.
- ◆ Gained proficiency in interpreting technical schematics and documentation, highlighting meticulous attention to detail.

## Skills

### Programming/Scripting

Python, Shell, Javascript

### CLOUD

IBM, AWS

### CI/CD

GitHub Actions, Tekton, AWS CodeBuild

### Tools & Platforms

Git, Docker, Zenhub, MySQL, Postman, Trello

### Libraries & Frameworks

Django, Flask, Express.js

### Hard Skills

System Engineering, Agile, IaC, Automation, Scrum, Security, Monitoring and Logging

### Soft Skills

Organizational Abilities/Documentation, Communication, Grit, Critical-thinking

## Projects

### Bobo

[GitHub](#)

Web app for parents to monitor, track and log the growth, development and milestones of their babies.

**Built With:** Django, HTML, CSS

### Flow CI/CD Engine

[GitHub](#)

A practical CI/CD pipeline capable of handling code integration, automated testing, and deployment.

**Built With:** Tekton, YAML, GitHub Actions, Kubernetes

### MoodCheck

[GitHub](#)

Web app for analyzing texts for sentiments and emotions.

**Built With:** React, Node.js, IBM Watson NLP API