

# JULLY ACHENCHI

## Contact Info

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## Professional Summary

A driven junior Cloud/DevOps Engineer with a strong background in AWS technologies, cloud-native solutions, and infrastructure management using Terraform. Experienced in software development using Python, cloud migration, and managing cloud environments. Proficient in Linux, databases, and DevOps processes. Actively pursuing AWS Solutions Architect certification and I am passionate about leveraging cloud technology to help businesses achieve their digital transformation goals

## Skills

### Soft skills

- **Communication:** Effective verbal and engaging written communication
- **Presentation Skills:** Excellent public speaking and presentation abilities
- **Critical Thinking:** Strong analytical and problem-solving abilities
- **Time management:** Prioritization of tasks
- **Teamwork:** Collaborative approach to achieving shared goals
- **Problem Solving:** Innovative and creative solutions to challenges

### Technical

- **Cloud computing:** AWS services such as EC2, S3, RDS, IAM, VPCs, Serverless
- **Programming Languages:** Python, Bash
- **DevOps Tools:** Git, Docker, Terraform, Jenkins
- **Version control:** Git & Github
- **Infrastructure as Code (IaC):** Proficient in Terraform, CloudFormation
- **CI/CD tools:** Proficient with Github actions

## Work History

### ALX – AWS Chatroom Ambassador Volunteer | AUG 2024 – Present

- Serve as a point of contact for AWS learners, addressing their inquiries and advocating for their needs that led to a 30% rise in learner satisfaction
- Organize and host bi-weekly AWS community events with AWS learners and industry experts, enhancing peer-to-peer learning, and networking respectively.
- Developed an understanding of DevOps practices and cloud services through active participation in community discussions
- Regularly gather feedback from learners and implement improvements to enhance community experience.

### Extern/Mobalytics | APR 2024 – MAY 2024

- **Market research:** Conducted market research on popular games such as Pokemon Go and Fortnite, analyzing player psychology and presenting findings on market expansion opportunities.
- **Presentation & Public Speaking:** Presented key takeaways and recommendations to Mobalytics

on market expansion opportunities.

- **Brand positioning:** I conducted a brand and communication sentiment analysis.

#### **Intern/Esri Eastern Africa | Jan 2022– Apr 2023**

- Assisted in the development of an ArcGIS tool to streamline the land acquisition process, facilitating accurate determination of land area and compensation amounts.
- Led a team in integrating ArcGIS PRO, Survey 123, Field Maps, dashboards, and a web app to enable effective project monitoring and evaluation for a non-profit organization.
- Developed a presentation outlining key findings in the project, leading to a successful completion.

### **Projects**

#### **Cloud Resume Challenge**

##### **Sep 2024 – Present**

- Created a 2-tier web application following the guidelines of the well – architected framework ensuring high availability, reliability and secure application.
- Created a ci/cd pipeline using GitHub Actions that ensured near real-time reflection of changes in my website whenever a local change is made.

#### **30 days AWS Cloud challenge - [Technical Documentation](#)**

##### **March 2024 – April 2024**

- Launched an AWS S3 bucket and configured it for static website hosting, implementing basic security measures with IAM roles.
- Deployed EC2 instances across different availability zones, gaining hands-on experience with AWS infrastructure.
- Created a personal resume using HTML and CSS, showcasing web development skills.

#### **Cloud infrastructure automation**

##### **May 2024 – Present**

- Created a reusable terraform script that launches multiple S3 buckets and EC2 instances in AWS securely.
- Managed the infrastructure using Terraform.

### **Education**

#### **Jomo Kenyatta University of Agriculture and Technology**

##### **BSc. Geospatial information Science (Sep 2018 – Dec 2023)**

- Member of the Association of Geomatics and Geospatial Engineering Students-JKUAT (AGGES) club
- Relevant coursework: Python programming, R programming

#### **ALX Program, Nairobi, Kenya**

##### **Mar 2024 - Present**

AWS Cloud Computing – to gain an overview of how AWS services and cloud computing can be used to solve real-world problems in a variety of industries and introduction to AWS services

### **Certifications**

**AWS Certified Solutions Architect Associate.** [View Certificate](#)

- Issued on 30.10.2024

**AWS Certified Cloud Practitioner.** [View Certificate](#)

- Issued on 16.07.2024