JULLY ACHENCHI

Contact Info

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Professional Summary

Jully is a driven junior Cloud/DevOps Engineer with a strong background in AWS technologies, cloud-native solutions, and infrastructure management using Terraform. She has a passion for leveraging cloud technologies to drive innovation and efficiency. She is well versed in Linux, databases, and DevOps processes.

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

- Served as a point of contact for AWS learners, addressing their inquiries and advocating for their needs that led to an in learner satisfaction

- Organized and hosted 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 gathered feedback from learners to implement improvements to enhance community experience.

Extern/Mobalytics | APR 2024 – MAY 2024

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

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 compelling presentation outlining key findings in the project, leading to a successful completion.

Projects

Cloud Resume Challenge - Technical documentation

Nov 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 to the end user whenever a change was made locally.

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