

# Aly Mohamed Mtsumi

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## Profile

I am a software engineering graduate from ALX Africa with a passion for developing sustainable and innovative technology solutions. I have experience in Python programming and have worked on a variety of projects both independently and collaboratively. My skills include proficiency in Linux and terminal commands, cloud computing with AWS, containerization with Docker and Kubernetes, and programming languages such as C, Python, and JavaScript. I am a quick learner and am eager to take on new challenges and expand my knowledge. I am currently seeking a software engineering role that will allow me to apply my skills and work towards creating meaningful impact in the tech industry.

## Education

- Holberton School / ALX (2022 - 2023) – Software Engineering
- Power Learn Project (June - September 2022) – Python Programming
- Kenyatta University (2013 - 2019) - Bachelor of Environmental Studies (Resource conservation)
- Khamis High school (2009 - 2012)- KCSE (Kenya Certificate Of Secondary Education) Mean Grade B plain
- Mwamba Academy(1998 - 2008)- KCPE 353/500 marks

## **Work Experience**

### **IEBC (Presiding Officer)**

1. Supervision of electoral station during the 2023 general elections.
2. Ensuring successful delivery of votes and other election materials to the tallying center.
3. Presenting the casted votes to senior election officers.

### **World Food Programme**

Enumerator from May 2020 – December 2020

1. Conducting market surveys in informal settlements of Mombasa.
2. Liaising with county officials to register beneficiaries for the financial aid program by WFP.
3. Participated in the verification exercise which involved interviews with beneficiaries to understand the impact of Covid 19 to their livelihoods.

### **Chandarana Supermarket Limited Company Product**

Manager from December 2018 – May 2020 Tasks

included:

1. Monitoring product sales in the supermarket.
2. Working close with Purchasing Manager to ensure effective stocking in the supermarket
3. Ensuring effective customer support on the usage of products and engagement to their satisfaction.
4. Facilitate the documentation of Goods Receipt Note on different products based on condition and status together with receiving clerks.

### **Independent Electoral and Boundaries Commission.**

Deputy Presiding Officer from November 2017 - March 2018 Tasks

included:

1. Ensuring all K.I.E.M.S devices are secure and operational.
2. Ensuring voting times are met; opening and closing of the system and voting station.
3. Ensuring all votes cast are accounted for.
4. Submitting voting accessories and results back to the regional stations.

### **COSEKE**

Clerk from May 2018 - September 2018

Contracted by the Kenya Maritime Authority, as a clerk, our role involved scanning, sorting, and processing the organisation's documents.

## **Attachment at Mombasa County Government.**

Attachee from May 2016 - September 2016 Duties

included:

1. Supervision of basic waste collection processes, ensuring all roads are clean.
2. Liaise with institutions for environmental event preparation.
3. Conduct Illegal waste dumping Surveys around the county.

## **Skills**

- AWS Cloud certified.
- Worked with Docker, Kubernetes and CloudFormation.
- Conversant with Linux and terminal commands.
- Competent with computer programming languages including C, Python, JavaScript.
- Comfortable with Python Flask, Django, PostgreSQL, APIs, Git, Nginx, Apache.
- Familiar with DEVOPS tools including Ansible, Fabric and Puppet.
- Team Work; I have successfully undertaken various team projects, within both academic and non-academic environments.
- Communication: Able to speak and write clearly and convincingly, fully fluent both orally and written in Kiswahili and English.
- Qualified life Guard

## **Referees:**

Professor Manohar- Lecturer at Kenyatta University: +254738974888

Hamisi Mwaguya – Board Director, Kenya Maritime Authority +254722229550

Denis Radina – Auditor at Office of the Auditor General 0700929479