

# Mathenge, Albert Irura

Nairobi, Kenya

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[GitHub](#)

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## About me:

- Motivated and dedicated Junior SE with a strong foundation in C, Python, and JavaScript programming languages.
- Offering exceptional organizational skills, a self-starting attitude, and a commitment to delivering high-quality results within fixed schedules.
- Excited to contribute to positively impactful software solutions.

## Projects:

- [Artisan](#): A full-stack web app [React, HTML, CSS, SQLAlchemy, MySQL, Flask, NGINX]
- [Airbnb clone](#): A Python app with persistent data, a command line console, and API. [SQLAlchemy, MySQL, Flask]
- Developed a [simple shell](#) using C, demonstrating an understanding of low-level systems programming. [Signals, Processes, Dynamic Memory Management...]

## Work Experience:

### Maintenance Technician at Patialla Distillers(K) Ltd: April 2018-Dec 2020

- Introduced a shift-by-shift fault logging system to minimize the time overhead at the start of a shift
- Communicating technical issues to non-technical staff
- Coordinating with production staff supervisors to meet and exceed production quotas

## Education:

### Software Engineering

ALX at Holberton School

Jan 2022 – Present

### Bachelors in Manufacturing Engineering

Egerton University: June, 2018

Nakuru, Kenya

**Skills:**

- Proficient in C, Python, and JavaScript programming languages
- Strong Bash scripting skills for automation and system-level tasks
- Solid understanding of Git for version control and collaborative development
- Knowledge of Linux kernel and kernel subsystems
- Database Management and Object Relational Mapping
- Test Driven Development
- Excellent written and oral communication skills in English

**Languages:** English (Fluent)

**Reference:**

Charles Osoti

ALX\_SE Cohort 12 Mentor

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