

## **John Leshan Kool**

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### **Objective:**

Seeking a software engineering position to leverage my programming proficiency, problem-solving skills, and passion for building innovative software solutions to contribute to an organization's growth.

### **Education:**

Bachelor of Science in Computer Science (in progress), Maasai Mara University, Kenya, expected graduation is 2025

### **Skills:**

- Proficient in Python, HTML5, CSS, JavaScript, PHP, and C/C++
- Experienced in developing full-stack web applications using modern frameworks such as React, Flask, and Django.
- Strong problem-solving skills
- Strong teamwork and collaboration skills

### **Projects:**

- Built an e-commerce platform that facilitated online transactions between buyers and sellers, using Php and MySQL. This project involved implementing a secure payment system, integrating a recommendations engine, and developing a user-friendly interface that was optimized for both desktop and mobile devices.
- Developed an LMS to enhance communication and self-learning among students in our school using Php and MySQL. The app allowed students to chat with each other, share files, and receive updates from teachers and administrators.
- Build a Plagiarism Checker System using Python's GUI libraries like Tkinter and customtkinter and Machine Learning libraries like sklearn. The project can be used to check assignment and exam cheating among students, the targeted audience for this project are teachers and lecturers.

### **Certifications:**

- Artificial Intelligence, FutureLearn;  
<https://www.futurelearn.com/certificates/c0hxdzi>
- User Experience, FutureLearn;  
<https://www.futurelearn.com/certificate/kn50wya>

### **Work Experience:**

- Currently I'm part of a team for developers and programmers we are part of a Google sponsored competition called Google Developer Students' Club (GDSC), where we are working towards creating a system that will be beneficial to the community using AI and ML.
- I also worked part-time as a freelance writer for KenyanWriters.com, where I developed excellent communication skills and an eye for detail.

**Achievements:**

- Participated in multiple coding marathons and online competitions, where I placed highly and earned recognition for my programming skills.
- Led a team of developers in building an e-commerce platform that generated a significant amount of revenue for a local clothing store to enhance their online presence and attract more customers and investments.

**Languages:**

- English (fluent)
- Swahili (basic)

**Interests:**

- Participating in coding competitions and hackathons, where I can collaborate with others and learn from peers in the industry.
- Exploring new technologies and frameworks to stay up-to-date with the latest trends in software engineering.
- Volunteering as a mentor for aspiring programmers in my community.

**Technical Skills:**

- **Languages:** Python, HTML5, CSS3, Javascript, PHP, MySQL, C/C++, Java, Kotlin.
- **Tools:** Anaconda, Visual Studio Code, Android Studio, Version Control Systems (Github).
- **Models:** Object-Oriented, MVC.