



JAPHETH KIPLAGAT

ELECTRICAL AND TELECOMMUNICATIONS
ENGINEER

CONTACT

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P.O Box 15653-00503, Nairobi

EDUCATION

2020 - 2025

Bsc. Electrical and Telecommunications
Engineering

Multimedia University of Kenya

2016 - 2019

Certificate of Secondary Education

Maranda High School
AGP A-

2007 - 2015

Certificate of Primary Education

Chemweno Tophill
393 Marks

SKILLS

Fullstack development

Embedded systems

Graphic Design

Machine learning & AI

Marketing

Leadership

PROFESSIONAL EXPERIENCE

WORLD ENGINEERING DAY HACKATHON

AvaQual AI | March 4th, 2024

Selected among the top 12 finalists for the World Engineering Day Hackaton 2024

10TH ANNIVERSARY OF DEVOLUTION CELEBRATIONS

Smart Traffic AI | August 15th-19th, 2023

Selected by the Kenyan government to be part of the youth Innovators pavilion at the 10th Anniversary of Devolution celebrations held from August 15th to 19th, 2024 in Eldoret, Uasin Gishu County.

IEEE PES GENERAL MEETING 2023

Student Poster Contest| July 16th-20th, 2023

Selected to present my scholarly article on Sustainable Energy Systems at the IEEE PES General Meeting 2023 held from July 16th to 20th in Orlando, Florida, United States of America in the Student Poster Contest category.

IEEEYESIST12 HACKATHON

Green gas| September 2nd-3rd, 2023

Lead a team that represented Kenya Section in the IEEEYESIST12 Hackaton Finale held at Arab Academy for Science, Technology & Maritime Transport, Alexandria, Egypt to showcase a pertinent climate change innovation.

29TH IEK INTERNATIONAL CONVENTION

Eco-engine| November 21st-25th, 2022

Selected to present a project on Climate Change at the 29th Institution of Engineers of Kenya International Convention held from November 21st to 25th, 2022 in Diani Reef, South Coast of Kenya under the Future Leaders Summit.

WORK EXPERIENCE

CHAIRPESON

MUKESA | 2023 - 2024

Serves as the current Chairperson of the Multimedia University of Kenya Engineering Students Association. I have organized and coordinated several successful events such as IEK Career Week, Arduino trainings and Industry visits.

ELECTRICAL ENGINEER SERVICES ASSISTANT

Ministry of Public Works | May 4th- July 30th 2023

Served as an Electrical Engineer Services Assistant at the Ministry of Public Works in Upphill, Nairobi. Provided technical support and assistance in the planning, design, and implementation of electrical systems for government projects.

TEACHING ASSISTANT

Koibarak Girls Secondary School | Jan-March 2020

I had the opportunity to serve as a teaching assistant for both mathematics and chemistry. I was responsible for assisting the main subject teachers in their lessons and supporting students in their understanding and application of these subjects.

REFERENCES

Prof. (Eng.) Abel N. Mayaka

(PhD. REng., MIEK)

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Multimedia University of Kenya

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