

JAMES ODUOL

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Kakamega, Kenya

PROFILE

Highly motivated graduate Electrical and Communication Engineer with a Second Class Honours (Upper Division) from Masinde Muliro University of Science and Technology. Possessing strong fundamentals in computer networks, wireless communication, and power systems, with demonstrated experience in practical electrical engineering and industrial systems through attachments at Kenya Power and Chemelil Sugar Company. I also gained experience during my internship at SAVEMOD Earth Link where I participated in curriculum development for the School of Engineering at UMMA University. I am eager to apply my technical and problem-solving skills to a role within the Presidential Digital Talent Programme, particularly in the area of Networks & Digital Infrastructure.

EDUCATION

09/2019 – 12/2024	Bachelor's Degree in Electrical and Communication Engineering <i>MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY</i> Second Class Honours (Upper Division)
2015 – 2018	Kenya Certificate of Secondary Education (KCSE) <i>THESSALIA MISSION HIGH SCHOOL</i> Grade B+ (71 points)
2004 – 2014	Kenya Certificate of Primary Education (KCPE) <i>AKWANYA PRIMARY SCHOOL</i> Grade B (322 marks)

PROFESSIONAL EXPERIENCE

05/2024 – 07/2024	Attachee <i>CHEMELIL SUGAR COMPANY LIMITED (CSCL)</i> <ul style="list-style-type: none">Participated in motor rewinding and repair, developing practical skills in electrical machinery maintenance and fault diagnosis.Assisted with power correction capacitors and servicing generators, contributing to efficient power system operation.Involved in chute level controls, contactors and intercarriers, gaining experience in industrial control systems and their maintenance.
05/2022 – 07/2022	Attachee <i>KENYA POWER AND LIGHTING COMPANY (KPLC)</i> <ul style="list-style-type: none">Participated in meter installation and connection of power lines, ensuring adherence to safety protocols and system integrity.

- Assisted with power line inspection and conducted basic troubleshooting to identify and resolve issues.
- Gained exposure to call centre operations, enhancing understanding of service delivery and customer support within a utility network.
- Involved in transformer operations, contributing to the maintenance of critical electrical infrastructure.

08/2025 - Date

Intern

SAVEMOD EARTH LINK

- Consultancy Service-Curriculum Development School of Engineering at Umma University
- Participated in the development knowledge maps and framework for benchmarking.
- Developed course outlines
- Developed the course distribution table for BSc in GIS & Geospatial Engineering.

SKILLS

Hard Skills

- **Networking Fundamentals:** Strong understanding of computer networks and wireless communication principles.
- **Electrical Systems:** Power electronics, Power systems, Control systems.
- **Software & Programming:** Software design (MATLAB), Programming languages (C, C++, Java).
- **Technical Aptitude:** Ability to quickly learn and adapt to new technologies and tools
- **Research and documentation:** Ability to do online research using AI tools and make reports using spreadsheets, MS Word or charts

Soft Skills

Problem-solving, Teamwork, Critical thinking, Communication (written and verbal)

INTERESTS

Reading novels, Travelling, Watching movies

REFERENCES

Dr. James Owuor, *CoD Electrical and Communication Engineering*, Masinde Muliro University
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Benjamin Ayieko, *Supervisor, Electrical Engineering department*, Chemelil Sugar Company
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Prof. Eng. Sibilike Makhanu, *Lead Consultant*, SAVEMOD Earth Link
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