

MARY OTIENO

20117, Naivasha, Nakuru County

0722107298

anyangomary662@gmail.com

<https://www.linkedin.com/in/mary-anyango-a77036324>

PROFECTIONAL SUMMARY

Final year bachelor of Engineering in Electrical and Telecommunication Engineering at Moi University. Passionate about software development with hands on experience in backend programming, web technologies and version control demonstrated in the academic project and actively pursuing further knowledge in Machine learning and full stack development

WORK EXPERIENCE

Electrical Attaché KENGEN, Olkaria Geothermal, Naivasha May2024-July2024

- Assisted in maintenance, testing and troubleshooting of electrical systems, control panel and instrumentation equipment used in geothermal power generation plants.
- Gained hands-on experience in protection relays, transformers and sensors calibration.
- Collaborated effectively with engineers and technicians in team projects, routine inspections and performance optimization to achieve project goals within deadline constraints.

Teller Equity bank limited, Gilgil branch, Nakuru October2021-March 2022

- Processed customer transactions promptly, minimizing wait times.
- Digitized 200 customers monthly on the banks mobile banking products including equitel lines, mobile app and USSD to minimize bank flooding.
- Maintained up-to-date knowledge of bank products, services, promotions, policies, regulations to better assist customers with their financial needs.

EDUCATION

Moi University – B. Eng in electrical and telecommunication Engineering

Expected Graduation: December 2025.

Moi Girls High School (Eldoret)– Kenya Certificate of Secondary Education

2016-2019 Mean Grade: A-

TECHNICAL SKILLS

- **Programming languages:** python .SQL, HTML, CSS
- **Tools and Technologies:** Git, Visual Studio Code, SQL
- **Wed development:** Responsive Web Design (freeCodeCamp certified)
- **In progress:** Machine learning with Python (freeCodeCamp), Software Development (PLP Academy)

SOFT SKILLS

- Leadership
- Interpersonal
- Teamwork
- leadership

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ACADEMIC PROJECT

Web-based Telemedicine System with Electronic Health Record integration

- Designed and developed a web-based application enabling remote doctor-patient interaction.
- Features: user authentication (RFID). Appointment scheduling, video consultation (WebRTC) and centralized access to electronic health records
- Technologies used: Python. SQL., HTML, CSS

CERTIFICATIONS

Responsive Web Design FreeCodeCamp-May 2025

Project management professional - Simpilearn -April 2025

Machine learning with python-freeCodeCamp (Ongoing)

Software Development Track -PLP Academy (Ongoing)

EXTRACURRICULAR AND LEADERSHIP

Volunteer WingsToFly and Elimu scholars Mentor

Class representative from year 1 to year 5

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