

COLLINS OMONDI ODENYO

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PROFESSIONAL PROFILE

Proactive and results-driven registered engineering graduate experienced in electrical installations and design, supervision, blending theoretical expertise with practical industry experience. Knowledgeable in electrical design and installation from various internships, complemented by a solid academic foundation with a Bachelor's degree in Electrical and Electronics Engineering. Possesses strong critical thinking skills, offering innovative solutions to complex challenges. Accustomed to working in diverse settings, ensuring project completion with precision and efficiency.

SKILLS & STRENGTH SYNOPSIS

Technical Skills:

- Knowledge of WPLSoft and InduSoft for PLC Programming.
- Basic knowledge of maintenance of hand and power tools, stitching machines and High Frequency machines.
- Ability to use AutoCAD to analyse technical drawing acquired during my attachments and internship.
- Electrical installation and design.
- Competent user of Microsoft Office such as word, excel, access, PowerPoint etc.
- Supervisory skills.

Non-Technical Skills:

- Leadership and collaboration skills demonstrated through managing small teams during my internal attachment and group projects.
- Excellent critical thinking skills to identify alternative approaches and solutions to complex problems
- Innovative with better communication and strong understanding of any given specific task and timely managing for completion of assigned project.
- Strong negotiation skills capable of engaging with stakeholders at all levels in order to elicit, discover, analyze, communicate and validate requirements.

CAREER HISTORY

Intern, Maintenance and Fabrication department (Maintenance Assistant)

Tarpo Industries Limited | May 2024 – October 2024

- Maintenance both corrective and preventive maintenance of highlead and high frequency machines.
- Design and fabrication of metal structures, tents, gazebos, parasols, tarpaulins, sail shades and canopies.

- Leading a team of 10 casuals through supervising them during fabrication processes and installations.
- Managing key projects through planning and organizing work, following up Works in Progress (WIP) and ensuring successful project completion.
- Handling and operating High Frequency PVC welding machines and supervising its operation and maintenance.
- Applied the 5S system (Sort, Set in order, Shine, Standardize, Sustain) to align work practices with organizational standards for cleanliness and efficiency.

Junior Supervisor/Engineer

Jupiter Energy Solutions Limited | Jan 2023 – Jan 2024

I started out as an intern and was later promoted to a Junior supervisor.

- Electrical installation and design involving overseeing the physical installation of solar and electrical systems.
- Review of Bill of Quantities, material extraction and pricing.
- Supervising technicians on site and preparing project reports.
- Collaborating with engineers, architects, and other professionals to integrate electrical designs into overall project plans.
- Documenting all aspects of the installation process for record-keeping.

Master Power Systems

Attachee | Jan 2022 – April 2022

- Electrical installation and design.
- Studying and implementing of drawings for conduits works and other related works.

Jupiter Energy Solutions

Attachee | Jan 2021 – May 2021

- Electrical installation and design.
- Review of Bill of Quantities.

Daider and Sons Engineering and General Metal Works

Record Keeper/Casual Labourer | Dec 2016 – Aug 2017

- Overseeing and maintaining welding equipment stock accuracy to ensure that the all orders are processed in a timely manner.
- Liaising regularly with stakeholders of each department to ensure that they have all necessary resources for their areas of responsibility, and that their work is contributing positively to the goals of the organisation.
- Successfully ensured internal customer relationships and weekly store communications.

EDUCATION AND QUALIFICATIONS

- **Women in Sales for a Green Future Cohort 4** | Completed
- **Software Engineering Course** | PLP Academy (Scholarship) | February 2025 - Current
- **Full Stack Development Course** | Codecademy | June 2024 - Current
- **PLC Modules, I, II and III** | Alison.com | Jan 2024 – November 2024

- Sep 2017 – Dec 2022: **Bachelor Degree in Electrical and Electronics Engineering** | Machakos University, (Attained Upper Second-Class Honors).
- 2013 – 2016: **High School Certificate** | Inungo Mixed Secondary School.

PROFESSIONAL CERTIFICATION

EBK Registered Graduate Engineers Certificate

PROFESSIONAL TRAININGS

6th – 8th March 2024: Inmysteps Internship Training, CITAM Valley Road, Nairobi

PROJECTS SCOPE

Preparation of drawings and Supervision

Preparation of cost estimates

Bills of Quantities pricing

Sourcing for different materials from suppliers

1. Project: Proposed Cyka Apartments (South B)

Sub-Contractor/Employer: Jupiter Energy Solutions Ltd **Position:**

Supervisor

Period: July 2023 - Current

2. Project: Proposed Glee Hotel

Sub-Contractor/Employer: Jupiter Energy Solutions Ltd

Position: Attachee

Period: Jan 2021 - April 2021

3. Project: Proposed Renovation of United Nations Offices Nairobi

Sub-Contractor/Employer: Jupiter Energy Solutions Ltd

Position: Junior Supervisor

Period: April 2021

REFERENCE

John Mbugua Ndua

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