

# CURRICULUM VITAE

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## Education and Training

- 1. Bachelor of Science in Electrical & Electronic Engineering**  
The Technical University of Mombasa.
- 2. Diploma in Electronics and Automation Engineering**  
The Mombasa Polytechnic.
- 3. Kenya Certificate of Secondary Education (KCSE)**  
St. Mary's Junior Seminary Kwale.

## Work Experience

### **1. Physics Laboratory Technician**

**Pwani University – (up to date)**

- ◆ Prepare Standard Operating Procedures (SOPs) for all equipment in the laboratory.
- ◆ Demonstrating and conducting practical, and guiding the students during the practical session
- ◆ Troubleshooting, servicing, and repairing equipment within the laboratory.
- ◆ Stock and consumable management in the laboratory
- ◆ Participate in any of the research in the department if the need arises

### **2. Intern, Department of Electrical Engineering**

**Grain Bulk Handlers Limited**

Most jobs included; Electrical, Pneumatic, and Hydraulic control systems, Star - Delta and Direct On-Line (DOL) motor starters, conveyor belt transportation operations, and grain bagging systems in a modern manufacturing plant.

*Area covered:*

- ◆ Plant Monitoring using SCADA (Altersoft) and HMI systems (Bagging and Ship Line Discharge)
- ◆ Control Room Operations.
- ◆ Weighbridges and Automatic Bulk Scales Maintenance.
- ◆ Did Maintenance and Repairs of Electrical, Electro-Pneumatic, and Hydraulic controls PLC (Siemens step 7 and Schneider).
- ◆ Maintenance and repair of Pneumatic systems with Comp-Air type screw compressors.
- ◆ Learned work safety procedures and basic firefighting skills.

### **3. Intern, Department of Electrical Engineering**

**Coast Water Services Board**

Operations and connections of water pumps with extensive exposure to Direct On-Line (DOL) starter connections pump maintenance procedures and general electrical works.

*Area covered:*

- ◆ Maintenance of Compressors.

- ◆ Maintenance and Operation of High lift and Low lift Pumps.
- ◆ Pipeline and plant leakage repairs.
- ◆ Condition monitoring of the Plant.
- ◆ Installations and maintenance of Valves.

**4. Data Entry Clerk, Student Registry**

**Pwani University**

Keyed in students' data from students' enrollment, admission, and registration,

**5. Attachee, Department of Electrical Engineering**

**Kenya Airports Authority**

General electrical maintenance.

***Area covered:***

- ◆ Medium voltage switchgear.
- ◆ Baggage screening machines.
- ◆ Air conditioners operations.
- ◆ Floodlighting.
- ◆ Uninterruptible Power Supply unit.

