

# PAUL NDUNGU WAWERU



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10100, central, Kenya



## PROFESSIONAL SUMMARY

I am a registered graduate Mechatronic Engineer with experience in industrial automation, mechatronic systems and web development with rapidly increasing range of industry experience and a proven record of procedural compliance. Technical trainer with experience in teaching electrical engineering, mechatronics, industrial automation and robotics.

## CORE QUALIFICATIONS

- Installation of mechanical components and machinery
- Product design and simulation
- Printed circuit boards design and fabrication
- Programming and Scripting of systems
- Fault diagnosis
- 3d Design and prototyping
- IOT designs and fabrication
- Skill on developing, implementing and evaluation of curriculum
- Teaching, assessing and class management skills
- Curriculum development

## CERTIFICATIONS

- Registered Graduate Engineer
- Certified Technical Trainer

## REFEREES

Head of Mechatronics Engineering department,  
Dedan Kimathi University of Technology,  
0113 969223

Mr. Collins Wahome  
Engineer, Software group,  
0795321668

## EXPERIENCE

02/2020 - Current

### TVET Technical Trainer

**Mathenge Technical Training Institute** | Nyeri, Kenya

- My duties are to prepare lesson plan and teach students to help them acquire new skills
- Developed and distributed instructional materials to learners, assisting students with content mastery and retention.
- Equipped learners with practical skills and knowledge by arranging and coordinating workshops, demonstrations and conferences.

01/2018 - 12/2019

### Graduate Trainee

**Dedan Kimathi University of Technology** | Nyeri, Kenya

- As a graduate trainee I assisted in research and practical sessions under senior lecturer
- Trained and Worked on Siemens Mechatronic Systems, process automation and Analytics
- Researched and designed automated weather station using artificial intelligence.

02/2016 - 12/2017

### Engineering Trainee

**CMC Motors** | Nairobi, Kenya

- I Worked on motor vehicle fault diagnosis using off-board machine
- Dealt with Motor vehicle servicing, inspection and motor vehicle engine assembly.
- Completed daily list of assignments, contributing to engineer team by handling basic tasks and learning new skills.
- Maintained logbook over duration of training period, recording projects undertaken and skills learned.

## EDUCATION

2023

### Dedan Kimathi University of Technology

MSc: Advanced Manufacturing and Automation Engineering

2016

### Dedan Kimathi University of Technology | DeKUT

B.Sc: Mechatronic Engineering

Acquired second class honours, upper division.

2022

### Kenya School of TVET (KSTVET)

Higher National Diploma: Diploma in technical trainer education (Mechatronics)

Acquired second class honours, upper division.

2010

### Njumbi High School

Kenya Certificate of Secondary Education (KCSE)

Attained an A minus