

# AVIC NDUGU M

## Front-end Web Developer | Trainer

Email: [avicndugu1234@gmail.com](mailto:avicndugu1234@gmail.com)

Mobile: +254 718 132486

Website: [avicndugu.github.io](http://avicndugu.github.io)

## CAREER STATEMENT

I am a creative who enjoys building using different mediums to provide solutions to real-world problems using technology. I pay careful attention to details in the delivery of the products and services e.g. websites, designs, and web apps.

## PROFESSIONAL EXPERIENCE

### Little Einsteins E. A.    **Engineering teacher**

May 2016 – Dec 2017    Creation of relevant practical science and engineering curriculum for kids.  
Preparation and teaching of programming lessons for kids.

### **Construction sites**

Sep 2015  
– May 2016

### **Electrical installation**

Installation of appropriate sockets, switches, wiring, electric meters, and lighting fixtures.  
Preparation of materials' budget and proper management of the available stock.

### **Brookside Dairy Ltd**

Sep 2014  
– Nov 2014

### **Student Field Attachment**

Maintenance service of a power capacitor bank and removal of wall-mounted exhaust fans.  
Troubleshooting and repair of electrical, pneumatic & mechanical systems during breakdowns.  
Fueling and routine checkup of remote stand-alone generators.  
Entry of daily records for electricity & water consumption and production machines' run time.  
Installation and configuration of Variable Frequency Drives (VFD) and 3 phase motors and other low voltage control gear.

## EDUCATION

### **Tunapanda Institute    Intermediate Track Trainee**

Sep 2018 - Current      Acquisition of skills in creating websites using HTML, CSS, and Javascript i.e. [avicndugu.github.io](http://avicndugu.github.io).

### **Tunapanda Institute    Basic Track Trainee - Technology, Design, and Business**

Feb - June 2018      Learned how to set-up and build WordPress and e-commerce websites.  
Acquisition of skills in photography, videography, image, and video editing.  
Learned the basics of programming in Python and Javascript.  
Trained on the basics of creating a computer network.

### **Jomo Kenyatta      Bachelor's Degree - Control and Instrumentation**

**University of  
Agriculture and  
Technology  
(JKUAT)**

Jan 2012 - Nov 2015

Learned and practiced technical drawing and interpretation.  
Project presentation and its demonstration to the students and the department staff.  
Trained in the operation of digital meters, oscilloscopes and similar test equipment.  
Learned on sensors, motor controls, solenoid valves, and programming.

## VOLUNTEER

### **Kids for Christ      Member of Kids 4 Christ**

Aug 2012 - Current      As a team, we impart spiritually firm foundation for the younger generation. It is a volunteer program where each person is, trained for effective teaching of children.

## REFEREES

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| 1. Brian Mwevi, Tunapanda Institute      | Email: <a href="mailto:brian@tunapanda.org">brian@tunapanda.org</a>         |
| 2. Wambui Murimi, Little Einsteins E. A. | Email: <a href="mailto:murimiwambui7@gmail.com">murimiwambui7@gmail.com</a> |
| 3. Dr. Calvin Ominde, lecturer JKUAT     | Email: <a href="mailto:ncalvineson@gmail.com">ncalvineson@gmail.com</a>     |
| 4. Geoffrey Maina, Electrical Contractor | Phone: +254 723 269253  |