

AVIC NDUGU M

Front-end Web Developer | Trainer

Mobile: 0718132486

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A creative who enjoys building using different mediums to provide solutions to real-world problems using technology. I pay careful attention to details in delivering final products and services.

EXPERIENCE

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

May 2016 – Dec 2017 Created relevant practical science and engineering curriculum for kids.

Prepared and taught scratch programming lessons for kids.

Construction sites Electrical installation

Sept 2015 – May 2016 Pulling of wires, fixing appropriate meters, and fitting various sockets and lighting fixtures.

Preparing budget and managing the available stock.

Brookside Dairy Ltd Student Field Attachment

Sept – Nov 2014 Worked on maintenance service on power capacitor bank and mounting and removal of wall-mounted exhaust fans.

I took part in troubleshooting and repair of electrical, pneumatic & mechanical systems of filling, packaging, and distribution line equipment during breakdowns.

Assisted in fueling and routine checkup of remote stand-alone generators.

I collected data and filled daily records for utility consumption and machine 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 Learnt how to create websites using HTML, CSS and Javascript ie. avicndugu.github.io.

Tunapanda Institute Basic Learned track training - Technology, Design, and Business

Feb - June 2018

Learnt how to set-up and build WordPress and e-commerce websites eg. avicndugu.com and juakali.tunapanda.org
Acquired basic skills in photography, videography, image, and video editing.
Learnt 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

Learnt and practiced Technical drawing and interpretation.
I did a project, presented it and its demonstration to the students and the department staff.
Trained in the operation of digital meters, oscilloscopes and similar test equipment.
Learnt 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: brian@tunapanda.org |
| 2. Wambui Murimi, Little Einsteins E. A. | Email: murimiwambui7@gmail.com |
| 3. Dr. Calvin Ominde, lecturer JKUAT | Email: ncalvineson@gmail.com |
| 4. Geoffrey Maina, Electrical Contractor | Phone: +254723269253 |