**Curriculum vitae**

**Personal details**

Name: Stephen Mualuko

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Phone number: 0734144144/0728471314

Email:mualukos@gmail.com

**Other details**

Date of Birth: 16thApril 1990

Gender: male

**Education**

2009 to 2014: BSc.Mechanical engineering from Jomo Kenyatta University of agriculture and technology graduated with **second class honor’s degree (upper division).**

2006-2009: Kenya certificate of secondary education at Kitondo School. Attained A- of 80 points.

1998-2005: Kenya certificate of primary education at Wambiti primary school. Scored 378 marks out of 500 marks.

**Experience**

**June 2018 to current at State Department of Public Works - Ministry of Transport, Infrastructure, Public Works, Roads and Urban development.**

**Designation.** Mechanical Engineer

Responsibilities.

1. Design of mechanical services in Government buildings and construction works.
2. Providing advice and assistance to other Ministries and Government Statutory Boards on matters relating to fire and mechanical building services
3. Repair and maintenance of mechanical installations in airports, waterworks, offices, workshops conferences complexes and other government facilities.
4. Preparing Bill of quantities and detailed design drawing for all mechanical engineering works in government institutions and other ministries.

**December 2017 to June May 2018 at Jokim Engineering Ltd**

**Designation.** Mechanical Engineer.

Responsibilities.

1. Calibration of LPG vessels and tanks
2. Performing pressure test on LPG tanks and vessels
3. Carry out thickness tests on LPG tanks.
4. LPG system evacuation and vacuuming
5. Carry out LPG piping
6. Overall LPG truck refabricating and related maintenance works e.g. pressure gauge, rotor gauge installations, etc.

**September 2015 to May 2016 at CEMEX holdings limited Ruiru.**

**Designation.** Mechanical engineer trainee

Responsibilities:

1. Factory set up and Machine installation.
2. Machine operation and maintenance.
3. AutoCAD and Panel cad software design.
4. Workplace safety.
5. Programmable logic controllers and electronics’ troubleshooting.
6. Boiler maintenance and operation.
7. Inventory taking.
8. Fork lifts operation.
9. Ensuring of quality mesh product
10. Ensuring adherence to occupational safety measures.

During the curriculum I underwent practical attachment for industrial experience.

**February 2014 to May 2014 at Sarova Stanley Hotel Nairobi**

**Designation.** Maintenance engineer trainee

Responsibilities:

1. Energy management and recommendations on the same.
2. Boiler management and maintenance.
3. Air conditioning and refrigeration.
4. LPG system rehabilitation

**March 2013 to April 2013 at Bata shoe company ltd**

**Designation.** Maintenance engineer attachee.

Responsibilities:

1. Machinery maintenance.
2. Design, Preparing and interpreting Technical drawings.
3. Data entry.
4. Quality management systems

**Jan 2013 to February 2013 at Kenya bureau of standards**

**Designation.** Maintenance engineer attachee.

Responsibilities:

1. Material testing (destructive and non-destructive testing like: dye penetrant, ultrasonic and magnetic particle testing, MPI).
2. Preparation of workshop samples for testing.
3. Data entry and storage.
4. Physical analysis of products for the specified parameters.
5. Weighing, measuring and calibrations of devices.

**2nd January 2012 to 3rd March 2012. Eight weeks intensive INTERNAL ATTACHMENT in the following JKUAT workshops:**

Foundry, Machine workshops, Welding, Masonry and Carpentry, Automotive, Plumbing and Plant &Construction, Fitting, Electrical installation, Computer aided design workshops.

**Skills**

1. Microsoft Office (Word, Excel, Outlook) & windows 7/8/XP
2. Computer programming languages; visual basic, C and C++
3. Engineering design Software*:* AutoCAD version 2010-2015,Solidworks, Autodesk Inventor (2011-2015) and CorelDraw.
4. Machines operation and maintenance.
5. Accurate weighing and calibration of scales.
6. Understanding of PLCs.
7. Have knowledge and understanding of OSHA.
8. Firefighting skills.
9. Hydraulic and pneumatic systems.
10. LPG tanks and vessels installations and tests

**Attributes**

1. Hard working
2. Creative and innovative
3. Decisive and focused.
4. Honest and Ambitious
5. Problem solver.
6. Team player.

**Volunteering**

1. Equity bank mentorship program.
2. Environment management- Tree planting and cleaning in Juja town.

**Conferences**

Junior world entrepreneurship forum held at JKUAT on 13th to 15th July 2011

Big 5 construct East Africa conference held at KICC on September 2018.

**Certifications.**

Fire safety.

Health and safety.

**Professional membership**

Registered with Engineers Board of Kenya as a graduate mechanical engineer on 10th, may 2016.

**Referees**

1. Eng. James M. Mutua

External attachment coordinator, Mechanical Engineering Department

Jomo Kenyatta University of Agriculture and Technology

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1. Mario Pasqualin

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1. Samson Karani

Workshop manager

Jokim engineering limited

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