

Irfan Mohamed Shakil Varvani

Religion: Islam

Marital Status: Married

Date of Birth: 23rd January 1991

Gender: Male

City: Nairobi

Nationality: Kenya

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Objective

Utilize my education and professional skills for a reputable organization that recognizes talent and offers career growth opportunities within a professional environment.

Experience

Lean Energy Solutions Ltd - Nairobi

May 2015 - Present

➤ Designation: Energy Solutions Engineer

- Internal project manager under Lean Energy for the erection of a briquetting plant in Mai Mahiu. Responsible for the supervision of the entire project from scratch: initial layout of the factory, contracting the architect, qs, structural engineer, civil and electrical contractors, preparing electrical design using autoCAD, coordinating with contractors during construction period, installation and commissioning of the machine.
- Project manager under Lean Energy responsible for the revival of the briquetting plant in Mwatex Ltd in Mwanza, Tanzania, which included electrical and mechanical re-installation and commissioning of pressing machine, logistics of raw materials and training of machine operators.
- Production manager of biomass briquetting plants at:
 - (i) Sasini in Kiambu, Kenya
 - (ii) Mwatex Ltd in Mwanza, Tanzania
 - (iii) Mai Mahiu in Kenya

Responsible for the daily operations including supervision of machine operation and logistics of raw materials.

Responsible for diagnosing and solving electrical and mechanical related problems associated with the pressing machines. Use of why why analysis to get root cause of machine breakdowns and training machine operators on preventive measures.

- Supervising, operating and maintaining biomass fuel fired industrial boilers to ensure constant working pressure is maintained.
- Conducting energy audits in manufacturing plants, residential areas and institutions such as banks and schools by studying their power consumption using a power log analyzer and recommending power saving measures for them.
- Implementing Kaizen methodologies such as 5 K in office and factories.

Control Design and Power Systems - Mombasa

June – August 2014

➤ Trainee

- Designing control systems for domestic and industrial water flow systems
- Designing, assembling and installing power factor correction (PFC) systems
- Installing domestic power and lighting systems

Sollatek Electronics (K) Ltd - Mombasa

July – August 2013

➤ Trainee

- Diagnosing and repairing faulty voltage switchers, stabilizers and uninterrupted power supplies
- Modifying printed circuit boards using soldering technique

Education

2010 - 2015	BSc Electrical and Electronics Engineering (Upper Second Class Honours)	University of Nairobi (Nairobi)
2005 - 2008	Kenya Certificate of Secondary Education (Mean Grade A)	Allidina Visram High School (Mombasa)
1997 - 2004	Kenya Certificate of Primary Education (54/60 Points)	Nasserpuria Primary School (Mombasa)

Professional Background

In progress	AutoCAD	Bell Institute of Technology (Nairobi)
February 2014	Programmable Logic Controllers	Webbs Institute (Nairobi)
June 2011	Certificate in Computer Programming using C++	Memon College (Mombasa)

August 2009	Certificate in Computer Hardware and Maintenance	Memon College (Mombasa)
January 2009	Certificate in Computer User Specialist	Memon College (Mombasa)

Extra Curricular Activities

- School Head Prefect – 2004
- Primary School Sports House Captain - 2004
- Senior Scout leader – 2004

Linguistic Ability

Languages	Written	Spoken
English	Excellent	Excellent
Swahili	Excellent	Excellent
Hindi	-	Excellent
Cutchi	-	Excellent

Reference: will be provided upon request