

Kipyegon Geoffrey
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CAREER PROFILE SUMMARY

An articulate and highly skilled electrical engineer with vast knowledge in power line construction, renewable energy and execution of projects from inception to completion, and experienced in project managements and able to provide structured framework to analyze complex situation into simple strategic imperative.

PROFESSIONAL WORKING EXPERIENCE

Chief Electrical Engineer: Professional Digital Systems Limited; July 2018 to date **Duties and Responsibilities**

- Developing relationship and maintaining communication channels with clients, stake holders, and internal Wood personnel to ensure that work flows smoothly as well as providing efficient project delivery services
- Acting preventively to avoid safety and environmental issues as well to maintain efficient project delivery
- Gathering up to date information, first hand, at project sites Managing scope changes proactively and resolving complex issues both with clients and internal project teams
- Mentoring and training junior project managers and project services support staff other project groups Safe, environmentally responsible, timely and on-budget delivery of high voltage transmission lines projects on EPCM basis
- Managing the project through its lifecycle, starting from project definition, development of the project plan, budget, schedule, procurement and contracting strategies, through the engineering, procurement and construction phase
- Coordinating project team members and sub-contractors, as well as the client to ensure cost effective, efficient, safe and timely completion of transmission lines and substation projects to meet and/or exceed client expectations
- Managing the Key Performance Indicators
- Acting as a professional resource for the successful completion of multiple challenging transmission and distribution projects
- Providing and maintaining status reports to the project sponsors, the client and management regarding the overall project progress and performance, utilizing client systems where appropriate

Solar Project Manager: Harvey Engineering Limited; May 2016 to June 2018 **Duties and Responsibilities**

- Carrying out installations of solar power backups
- Carrying out solar water heating installations
- Preparations of cost estimates of planned solar projects and electrical projects
- Installation of both stand alone and backup generators
- Supervising team of electrical technicians
- Assisting the design engineer in coming up with electrical system designs as per the client's specifications.
- Doing project costing of projects as per the company's policies.
- Assembling of electrical panels in the workshop.
- Managing the workshop floor and coordinating the technical team during projects execution.
- Troubleshooting and testing of the electrical systems in the workshop to ensure quality and safety is achieved.

Locomotive Engineer: Rift Valley Railways; March 2014 to April 2016.

Duties and Responsibilities

- Coordinating daily locomotive maintenances
- Ensuring availability of spares for the locomotives
- Ensuring team under my supervision adheres to the 6s
- Ensuring targets and balanced scorecard are achieved and preparing report on the same
- Ensure all electrical works is carried out in line with company and other recommended safety guidelines.

OTHER RELEVANT PAST EXPERIENCES

- Electrical Engineer Intern; Highlands Power Engineers, 3 Months.
- Electrical Engineer attachee; KENGEN, 3 Months

PRACTISING LICENCES

- **Electrician Licence**-Energy and Petroleum Regulatory Authority (EPRC)-April 2018-Licence No: **B006411**
- **Solar Photovoltaic Technician Licence (T3)**- Energy and Petroleum Authority (EPRC)- March 2018-Licence No: **ERC/SPVT/00624**
- **Construction Site Supervisor**- National Construction Authority (NCA)_ June 2018-Licence

No: NCA/SS/2018/30541

PROFESSIONAL MEMBERSHIP

- **Professional technologist** – Kenya Engineering Technologist Registration Board (KETRB); September 2018.- Membership No: **KETRB PET00485**
- **Candidate Technologist**- Kenya Engineering Technologist Registration Board (KETRB); August 2018. Membership No: **KETRB C00698**
- **Full member**- Institute of Engineering Technologist (IET): August 2018. Membership No: **2098**

SEMINARS AND TRAINING ATTENDED

- Safety and Health in Construction Training online course offered by ALISON- 17 April 2019
- Jinko solar technical training workshop held at Riara University-25th June 2019
- Scada operation and maintenance operation training held at Unga farm care limited-26th April-15 may 2017
- Future Energy East Africa (Conference and Expo) at KICC- 12-13 Sep 2018
- Jumbo Chem training on Insulation, Acoustic and Expansion Joints solutions at KICD organized by NCA-26 July 2018
- Mainline Locomotive Driver Training at RIFY VALLEY RAILWAYS-20 March 2014 to 31 July 2015

EDUCATION BACKGROUND

- **Bachelor of Engineering in electrical and electronics engineering**- Technical University of Kenya; August 2009 to December 2013.
- **Kenya Certificate of Secondary of Education**- Kipchimichim High; Feb 2002 to November 2006.

KEY SKILLS AND COMPETENCIES ACQUIRED

- **Technical expertise**: Experienced in providing technical expertise for electrical design, implementation, optimization and commissioning.
- **Trouble shooting**: Ability to trouble shoot and to fix the problems in a speedy manner and by so

doing can keep the system up-to-date at all times.

- **Problem Solving Abilities:** I have the ability to visualize and solve complicated problems in the best way and making accurate and informed decisions in relation to electrical engineering and real life situation
- **Communications skills:** Excellent communication skills with the ability to engage with people from all backgrounds and creating a professional relationship with both my colleagues and superiors.
- **Organization skills:** Experienced in identifying and prioritizing activities and assignments and making necessary adjustments as required.
- **ICT competence:** Highly capable of navigating MS Word, the internet, email, AutoCAD, sunny web PV design software and Solarius PV design software.

SPECIAL SKILLS

- Am trained mainline train driver; trained as one while working at rift valley railways
- Am volleyball coach; managed to coach ST' Peters Chesirikwa girls from Nakuru county to Provincial level

KEY ACHIEVEMENTS

- Triumphed in solving power blackout issues and increased reliability within the organization (professional Digital systems Limited).
- Installation and commissioning of solar power backup and change over switch at Kiritiri Repeater station KENGEN Kindaruma
- Supply installation and commissioning of solar powered security lights at Elwakk Merti and Baragoi power station
- Supply installation and commissioning of 500kva enclosed diesel generators at Hola and Habasweni power station
- Together with my colleague designed and supervised installation of lighting arrestors at Unilever tea estate while working as an intern engineer at highlands power engineers.
- Designed and installed capacitor power bank for correction of power factor at Tegat tea factory. The capacitor power bank I designed improved power factor from 0.75 to 0.9
- Supervised rebuilding of two locomotives (9410 and 9305) while working at rift valley railways
- Installed power backup for internet servers at CID headquarters Kiambu.

REFEREES

Please feel free to contact the under mentioned in regard to my competence for the job at hand;

Charles Muturi
Sales Manager
Professional Digital Systems Limited
0714373969,cmuturi@pdskenya.com

Paul Lusimbo Wekesa
Project Manager
Linesmen Power Creation Limited
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