

CURRICULUM VITAE

A: PERSONAL DETAILS

Name: Kenneth Luvai Luvala
Address: P.O. Box 52428 - 00200 Nairobi, Kenya
E-mail address: luvaik2001@yahoo.com, luvaiken@gmail.com
Date of birth: 28th December, 1974
Tel. Contact: 0723-712796, 0736-333960
Gender: Male
Nationality: Kenyan
ID/Passport No: 13504095 / A1688944
Religion: Christian



B: MEMBERSHIP IN PROFESSIONAL BODIES

- Registered Graduate Engineer **Reg No. B6684** – Engineers Board of Kenya (EBK)
- Registered Graduate Member **M.No. G.4804** – Institution of Engineers of Kenya (IEK)

C: EDUCATION BACKGROUND

YEAR:	INSTITUTION:	CERTIFICATE AWARDED:
2015	JKUAT	Msc. Civil (structural Eng.) On-going
2014	Africa Nazarene University	Certificate in EIA/EA (NEMA approved)
2007- 2010	JKUAT	BSc. Civil Engineering (2 nd Class Upper Division).
1997- 1999	JKUAT	Dip. Civil Engineering (Credit)
1990-1993	Mbale High School	K.C.S.E
1981 – 1989	Shiyunzu Primary School	K.C.P.E

D: PROFESSIONAL QUALIFICATION

- Proficiency in Microsoft office packages i.e. Ms Word, excel, PowerPoint, etc.
- Proficiency in AutoCAD, Archicad, Master series and Prokon design packages.
- Knowledgeable in GIS software i.e. ArcGis 9.2 & ArcGis 9.3
- SPSS statistical data analysis software.

E: CAREER OBJECTIVE

- To be a resourceful civil engineer and enhance my professional qualification for the benefit of mankind by application of knowledge acquired effectively and appropriately.
- To apply theoretical knowledge acquired during training to practicability in the field of Civil Engineering.

F: WORKING EXPERIENCE

September 2014 to date: [The Technical University of Kenya (TU-K)]

Technologist (Grade 11): In the Department of Civil and environmental engineering, (TU-K)

Duties:

- Conducting Laboratory practicals, Industry Based Learning practices and assisting in Research work in the Department for students and university.
- Maintenance and servicing of Labs and workshop equipment.
- Installation of New Equipment and Software
- Design and Installation of Laboratory Fixtures for Learning purposes.

April 2012 – Sept. 2014: [Masinde Muliro University of Science and Technology]

- Teaching the following diploma courses in Civil and Structural Engineering at MMUST.
 - Building Technology
 - Engineering Geology
 - Engineering Surveying
 - Soil Mechanics
 - Workshop Practice II

CURRICULUM VITAE

- **Assistant Resident engineer:** Involved in the construction of the Main Gate entry and exit roads and associated works and the gate/perimeter wall for Masinde Muliro University of Science and Technology (MMUST). Duties include overall design and overseeing the construction process as per the works specification by the contractor on the site.

Dec. 2010 – Sept. 2014: [Masinde Muliro University of Science and Technology]

Senior Technician in the Department of Civil and Structural engineering, Masinde Muliro University of Science and Technology (MMUST)

Duties:

- Preparation of laboratory manuals for practicals to be done.
- Conducting practicals and assisting in Research work in the department.
- Procurement and acquiring of laboratory equipment for the department.
- Maintenance and servicing of Labs and workshop equipment.
- Installation of New Equipment and Software
- Design and Installation of Laboratory Fixtures for hydraulic equipment.

Jan - March 2010: [JBG Gauff Ingenieure (Hp Gauff consulting Engineers)]

Worked for **JBG Gauff Ingenieure (Hp Gauff consulting Engineers)** on Water Supply and Sanitation Programme for the Nzoia Cluster Phase II Contract for Kakamega town.

Duties:

- Involved Survey works, design and inspection of construction works for intake works, Raw water, treatment works, distribution reservoir and pipelines for treated water and survey work and connections to customers.
- Design work for wastewater disposal i.e. sewerage works at Masinde Muliro University of Science and Technology, Shirere and Maraba sewage treatment works and construction and inspection of the same.
- Generation of topographical survey data for the project showing pipe alignments and the main and distribution alignment pipe networks.
- Generation of pipe profiles as well as finished pipe layout and drain profiles.
- Generation of all design drawings to be used by the contractor for his works.

September 2004 to date:

Technician in the Department of Civil and Structural engineering, Masinde Muliro University of Science and Technology (MMUST)

Duties:

- Preparation of laboratory manuals for practicals to be done as per the required standards.
- Conducting practicals and assisting in Research work in the department.
- Procurement and acquiring of laboratory equipment for the department.
- Maintenance and servicing of Labs and workshop equipment.
- Installation of new equipment and teaching students on using the Software.
- Design and Installation of Laboratory Fixtures for hydraulic equipment.

Oct. 2003 - Aug. 2004: [E.A.Q engineers]

Worked for E.A.Q engineers and was involved in design, construction and supervision of various building projects and advising clients on economic ways of constructing their projects.

April 2002 – May 2003: [Intellect General Contractors]

Worked for Intellect General Contractors and was involved in projects supervision, measurement of works, preparation of bills of quantities and architectural and structural drafting.

Jan. 2001 – May 2003: [Jomo Kenyatta University of Agriculture and Technology]

CURRICULUM VITAE

- Worked on internal projects for JKUAT which included re-design and construction of JKUAT's Hospitals waste water disposal system.
- Design, construction and supervision of an ICT Laboratory building including taking off quantities and costing in order to come up with the total cost as built.
- Involved in preliminary survey work for AICAD using the total station.

Jan. 2000 – Dec 2000:

Involved in various private projects which included designing of residential buildings and other associated works and construction of the same in Nairobi south C near Kenya institute of management.

G: WORKSHOPS ,CONFERENCES AND TRAININGS ATTENDED

- Attended training of Master-Trainers in competency Based Education and Training (CBET) as part of the Skills for Oil and Gas Africa Initiative (SOGA) facilitated by GIZ on behalf of the German Federal Ministry for Economic Cooperation and Development and the UK's Department for International Development (DFID) 24th August – 11th September 2015.
- Attended training on Implementation of ISO 9001:2008 Standard training organised and sponsored by Masinde Muliro University of Science and Technology in March 2011.
- Participated in the International Conference on Disaster Risk Reduction and Conflict Resolution for Sustainable Development Held on 18th - 20th July 2012, organized and hosted by the Centre for Disaster Management and Humanitarian Assistance, (MMUST).
- Reserch Training Seminar by Wabunifu Consultants on 1st February 2014.
- Participated in the University Multiplication Training workshop on Curriculum Development and Review for Public Universities in Kenya from 23rd to 24th January 2014.

H: HOBBIES

Reading technical journals, books etc.

Sports e.g. football

Community involvement activities i.e. Development committee of Ejinja Friends Church.

H: REFEREES

1. Eng. Gordon Aura
Chairman – Department of Civil and Construction Engineering
The Technical University of Kenya
P.O. Box 52428 - 00200 Nairobi.
Tel: 0722-660130
2. Dr. Eng. Bernadatte W. Sabuni
Dean – Faculty of Engineering
Masinde Muliro University of Science and Technology
P.O. Box 190, Kakamega – Kenya.
Tel. 0722272292.
3. Eng. Mukangula K. Moses
Senior Estates Officer (MMUST)
P.O. Box 190 - 50100 Kakamega.
Tel: 0733-430241

Certification

I, the undersigned, certify that to the best of my knowledge and belief, that the above data correctly describe my qualifications, my experience and me.



Luvai Kenneth