

STEPHEN OGELO | CURRICULUM VITAE

PERSONAL SUMMARY

A highly competent and open-minded Civil engineer, who is ready to learn, experience and progress through comments and positive criticism, Stephen possess extensive academic knowledge in design of reinforced concrete structures, steel works, roads, bridges, water and waste water systems. Stephen is able to prepare structural projects drawings, plans, schedules and documentation to the highest standards. He is physically fit and able to work on site at remote locations with limited communication and logistical support.

CIVIL AND STRUCTURAL EXPERIENCE

STROUTEL AFRICA CONSULTANTS in Kenya, Graduate Engineer: June 2016 – Current

- Interpretation of architectural layouts of residential, commercial and civil works.
- Carrying out structural design of wide range of buildings projects.
- Producing AutoCAD structural drafts and associated bar bending schedules of foundations, retaining walls, slabs, beams, columns, roofs and water tanks.
- Site inspection of designed projects.
- Addressing Structural concerns of other project stakeholders; Architect, Services engineer, Client, Contractor during site meetings.
- Preparation of project reports, tender documents and method statements for renovation/repair works.
- Carrying out design of horizontal loads of wind and earthquake on high rise structures.
- Efficient in the structural design incorporating Expanded polystyrene (EPS) as a light weight filler material in long spanning slabs.

PROJECTS

- Design and detailing of 25 storey high rise residential towers to be located in Mirema next to Thika road mall in Nairobi (currently in the county approval phase).
- Design and detailing of Nyabinyachwa SDA double church in Kisii (Complete).
- Design, detailing and inspection of a 10 storey mixed development in Eastleigh, Nairobi. (Currently on 4th floor).
- Design, detailing and inspection of 5 storeys, Kamwenji residential development in Muchatha, Kiambu County (complete).
- Design, detailing and inspection of a 8 storey residential apartment in Joyland Ruaka. (currently on 6th floor)
- Design and detailing of 8 storeys Kayole PCEA hall development in Kayole, Nairobi (Approved awaiting ground breaking).
- Supervision of 12 floor-Savannah apartments in kileleshwa, Nairobi off Kangundo road. (Currently on 7th floor).
- Supervision of 13 storey- Shaam Gardens in kileleshwa, Nairobi off Tabere crescent. (Currently on 5th floor).
- Supervision of 8 floors Heena apartments in South C Nairobi. (Currently on 4th floor).

CENTECH CONSULTANTS LTD in Kenya, Civil Engineer intern: June 2015-May 2016

- Interpretation of architectural layouts of projects.
- Design of structural elements in spreadsheets by assigning appropriate loadings and observing site and boundary conditions.
- Production of structural AutoCAD Drafts of structural elements.
- Drawing of bar bending schedules of structural components and producing associated

- quantities of steel.
- Facilitating printing, stamping and delivery of structural blueprints for necessary approvals in the county government.
- Carrying out site inspections.
- Attendance and interaction in Site meetings.

CENTECH CONSULTANTS LTD in Kenya, Student Attachee: June-September 2014

- Interaction with site agents and project managers during their daily operations on site.
- Supervision of bar bending works by steel fixers on site.
- Production of structural AutoCAD Drafts of structural elements.
- Drawing of bar bending schedules of structural components and producing quantities of steel.
- Facilitating printing, stamping and delivery of structural blueprints for necessary approvals in the county government.
- Interpretation of architectural layouts of mansionettes, low rise residential and commercial flats.
- Attendance and interaction in Site meetings.

CEABUD ENGINEERING SERVICES (C-18 KENHA) Student Attachee: June -Sep 2013

- Performing of center alignments to determine sectional corridors of the road.
- Transfer of heights from known datum to create TBMs by use of leveling equipment.
- Taking out of achieved levels to help in deducing volumes of cuts and fills of earthworks, sub-base and base.
- Performing laboratory tests on soils, bitumen, AC, and concrete to ensure compliance with design standards.
- Monitor cement and lime stabilization on base and sub-base layers.
- Monitor Asphaltic concrete works and surface laying.
- Setting out of culverts inlet, center and outlet, monitoring its excavation, formwork building and casting operation.
- Mapping out of OGL data on graph papers to come up with sectional profiles that will determine areas of cuts and fills.
- In charge of Yard/store record keeping from which materials were disseminated on periodic basis; Diesel, Petrol. Cement, Graded Crushed Stone, lime, Bitumen.

MOI UNIVERSITY WORKSHOP PRACTISE Student Attachee: June -August 2012

- Carrying out of survey field exercises; ranging, levelling, traversing.
- Hands on training in use of various equipment's in the wider engineering scope; welding, automotive, mechanical, chemical and textile workshops.
- Computer laboratory practices on programming and application packages.
- Field trips to civil and structural projects and related industries and sites all over Kenya.

EDUCATION	2010 - 2015	Moi University	B.Eng. Civil Engineering (First class)
	2005 - 2008	Orero Secondary School	KCSE (A-)
	1997 - 2004	Nyakwadha primary School	KCPE (B+)

SUMMARY OF SKILLS & ABILITIES

- Good communication, planning and organizational skills.
- Competent in PROKON, TEKLA, STAAD PRO and MS office suites.
- Creative and innovative with good design skills.
- Good understanding of AutoCAD drafting software.
- Detailed knowledge of design principles and standards.
- A team player with enthusiastic attitude.
- Possession of driving license (Class BCE).

HOBBIES

- Watching - Technical documentaries.
- Playing chess.
- Cycling.

LEADERSHIP ROLES

- Chairperson Electoral Commission 2015, Moi University Catholic Students Association.
- Organizing Secretary, Homabay-Kisumu Dioceses Students Association (2013/14).
- Assistant Secretary, Moi University Catholic Students Association (2012/13).
- The Secretary General, Young Christian Society in Orero secondary School (2007/08).

REFERENCES

Dennis Mbala Ndolo

Director.

Stroutel Africa Ltd.

P.O. Box 76664 -00508

Nairobi.

Tel. 0729 638 316

E-mail: dennisndolo@gmail.com

Eng. James Kahuthu

Director.

Centech Consultants Ltd.

P.O. Box 49712 -00100

Nairobi.

Tel. 0722 778 835

E-mail: jkahuthu@gmail.com

Prof. Yashon Ouma

Senior Lecturer.

Moi University

P.O. Box 42524 -4135

Eldoret.

Tel: 0727 747 951

Email: yashon.ouma@gmail.com