

Omollo, Collins Omondi

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Bio Data

Gender : Male
Date of Birth : 10th January, 1990
Nationality : Kenyan
Passport No : A2062222
Marital Status : Single

Personal Objective:

I To obtain a challenging career in the field of engineering or any related field, including other employment opportunities I may be involved in, offering opportunities for advancement and growth, with the utilization of the obtained technical and professional expertise.

Summary of qualifications and skills

- Professional qualifications : AutoCAD.
 - Under Graduate : B. Sc. in Civil and Structural engineering
 - Technical skills : Microsoft office packages
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Education

2010-2016- B Sc. in Civil and Structural Engineering

Kakamega, Kenya

Attained: Second Class honors

Masinde Muliro University of Science & Technology

Key areas covered;

- Transportation Engineering
- Traffic Engineering
- Research Methods
- Statistics
- Structural concrete and steel design
- Highway geometric and Pavement Design.
- Engineering geology, Soil mechanics and Foundation Engineering.
- Engineering Survey and GIS.

- Drinking water supply and systems.
 - Sewerage and waste water treatment.
 - Water resources and Irrigation Engineering.
 - Construction management.
 - Software applications (PROKON, AUTOCAD, CIVIL 3D)
 - Entrepreneurship and engineering economics.
 - Analysis of statically determinate and indeterminate structures.
 - Law, ethics, professional practice and Engineers code of conduct.
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Jan 2014 - May 2014 –Bsc Civil Engineering (Student Exchange Program)

Metropolia University of Applied Sciences

Helsinki, Finland

2005-2008 –Kenya Certificate of Secondary Education (KCSE)

Attained: Mean Grade A-

Orero Secondary School

Rangwe, Kenya

1997-2004 –Kenya Certificate of Primary Education (KCPE)

Attained: Mean Grade A-

Orero Primary School

Rangwe, Kenya

Work experience

August 2018- To date: STROUTEL AFRICA LTD.

Location: Nairobi, Kenya

Position: Ass. Engineer.

Responsibilities:

Comesa Mall Project

- Interpretation of Architectural layouts of projects of residential, commercial and civil works.
- Design of structural members in PROKON and spreadsheets and manually by assigning appropriate loadings and observing necessary boundary and site conditions to determine reinforcements.
- Produce AutoCAD structural drafts of foundations, slabs, beams, columns, and roofs and water tanks.
- Drawing of bar-bending schedules of various structural elements with reinforced steel e.g. slab, beam, column, foundation bases, water tanks etc.
- Facilitating printing, stamping and delivery of structural blueprints for necessary approvals in the county offices.
- Site inspection mainly confirmation of steel reinforcement works.
- Attendance of site meetings to interact with other stakeholders (Architecture, services engineer, contractor) and address their concerns towards the project.

May 2017-July 2018: EDYS CONSULTANT (R) ENGINEERS.

Location: Kigali, Rwanda

Position – Assistant Engineer.

Responsibilities:

Air traffic Control Tower project (Kigali International Airport)

Responsibilities and Duties

- Preparation of detailed Structural Design Drawings for both the Proposed New VIP Terminal Building and New Air Traffic Control Tower at Kigali International Airport.
- Coordination between the Project Lead Consultant's TPS Croydon (UK) scheme design drawings and the Sub-Consultant's **EDYS CONSULTANT (R) ENGINEERS** (Rwanda) final design drawings to ensure they conformed to accepted building standards in Rwanda.
- Coordination between the Project Lead Consultant's TPS Croydon (UK) scheme design drawings and the Sub-Consultant's **EDYS CONSULTANT (R) ENGINEERS** (Rwanda) final design drawings to ensure they conformed to accepted building standards in Rwanda.
- In consultation with the Supervising Engineer in **EDYS CONSULTANT (R) ENGINEERS**, make alterations to the design where necessary or in cases where the Project Lead Consultant Design had made omissions.
- Preparation of Reinforcement Bar Bending Schedules and Material Bills of Quantities from the final design drawings.
- Compilation of final detailed drawings, bar bending schedules and bills of quantities for verification and approval by TPS Croydon (UK).

Achievements

- Successfully took part in the structural design of 2 main proposed buildings at Kigali International Airport, namely the new VIP Terminal Building and the new Air Traffic Control Terminal.
- Where necessary, made amendments to the initial design with the supervision of the Supervising Engineer at **EDYS CONSULTANT (R) ENGINEERS** and to the approval of the Lead Consultant TPS Croydon (UK) to allow for seamless construction and supervision of the proposed buildings.
- Successfully carried out the preparation of bar bending schedules and material quantities for the 2 structures mentioned above to aid in the overall billing of the project as well to facilitate construction and contract administration.

Skills Gained:

Contract administration skills, design skills, team co-ordination skills

January-May 2017: GLOBAL MUSTARD SOLUTIONS LTD

Location: Nairobi, Kenya

Position: Graduate Trainee.

Responsibilities:

- Structural design of buildings.
- Supervision of ongoing Projects.
- Making of structural drawings by Auto-CAD.

June –August 2014: OTIENO ODONGO AND PARTNERS CONSULTING ENGINEERS

Location: Homa-Bay, Kenya.

Position: Student Attachee

Activities

Carried out the following tasks: -

- Survey works using total station.
- Preparation of Structural/Civil drawing in AutoCAD and Civil 3D.
- Preparation of Bill of quantities
- Participation of Aggregate and Marram tests.
- Performed Civil and Structural work inspection.
- Analysis and design of various structural elements.
- Design of civil works
- Reading and interpretation of architectural/structural data and drawing.

May –August 2013: OTIENO ODONGO AND PARTNERS CONSULTING ENGINEERS

Location: Migori, Kenya.

Position: Student Attachee

Activities

Carried out the following tasks: -

- Inspection of water supply system construction, sanitation works, water treatment plant construction, and intake works from a river.
- Material testing; Grading of sand and aggregates, compressive test on concretes
- Survey data collection using total station,
- Interpretation structural design drawings.

Under graduate final year project

Parking demand in kakamega Town

Positions of responsibilities

1) Masinde Muliro University – *Chairperson of The Repentance and Holiness Students Fellowship*

2) Orero High School
– *School Computer Prefect,*
– *Scout Club Secretary,*
– *Chairperson of Business Club*

Professional Membership

Graduate Engineer (Membership No.: **B12786**) Engineering Board of Kenya (EBK)

Graduate Engineer (Membership No.: **G.7273**) Institution of Engineers of Kenya (IEK)

Languages

English (Native)

Kiswahili (Native)

Dholuo (Native)

Extracurricular activities

Hobbies: Reading the bible, Travelling, Socializing and watching engineering documentaries.

Voluntary work: visiting children's home, the Sick and Prisoners, teaching Chemistry & Physics.

Sports: Hockey.

Referees

Dr. Samuel Waweru

Senior Lecturer

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