

CURRICULUM VITAE

PERSONAL INFORMATION

NAME : JOAB MUEMA NZIOKI
DATE OF BIRTH : 16TH JANUARY 1996
GENDER : MALE
MARITAL STATUS : SINGLE
NATIONALITY : KENYAN
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CAREER OBJECTIVE

To work in an inspiring organization which challenges my capabilities, skills, education, competencies, and experience thus engineering a sustainable community in our world.

INTERPERSONAL SKILLS

- I am open minded and a result-oriented person.
- I am hardworking, dynamic and innovative.
- I am a social person with personal drive effectiveness who can work in a challenging environment under minimum supervision and can work with all personalities.

EDUCATION BACKGROUND

2014 – 2019 : **JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**
Bachelor of Science Civil Engineering
SECOND CLASS LOWER DIVISION

2010 – 2013 : **UPPERHILL SECONDARY SCHOOL**
KCSE; Mean Grade A-

2002-2009

: JUNIORATE ACADEMY
KCPE; 396 marks

WORK EXPERIENCE

4th January 2021 to Present

Organization : ZHONGJIAO THIRD HIGHWAY ENGINEERING LTD
Position : Civil/ Structural Engineer
Project : Proposed Jeevanjee Affordable Houses, Quarry Rd, Nairobi

Duties included:

- Interpreting Architectural and Structural Drawings and preparing workshop drawings in accordance with BoQ for approval by architect and structural engineer.
- Preparing bi-weekly Program of works (PoWs) in line with master schedule of works to create relevant milestones and guide daily work planning.
- Attending site meetings and reporting on work completed in the previous week as well as work schedule for the next two weeks.
- Supervision of setting out of structural elements including beams, columns and slabs in accordance with design levels and alignments.
- Preparing quantification of required resources derived from the PoWs including formwork, aggregates, cement, reinforcement and human resources.
- Providing work methodologies and safety reports for individual tasks within the general method statement for construction.
- Supervision of quality control measures for construction work in line with design specification and local building guidelines during casting, finishing, and material sourcing.
- Attending construction meetings and offering reports of work progress and program of works for the week.
- Preparing tender documents for prospective projects for the contractor including mobilization schedules, work method statements, QC plans, and Master PoWs.

1st September 2019 to 20th December 2020

Organization : BALMODOS BUILDERS
Position : Site Agent
Project : Kozi Suites, Syokimau, Chady Road

Duties included:

- Setting out of structural elements including beams, columns and slabs in accordance with design levels and alignments.
- Quantification of required resources in line with PoW including formwork, aggregates, cement, reinforcement and human resources.
- Quality control for construction work in line with design specification and local building guidelines during casting, finishes, and material sourcing.
- Preparing weekly reports and workshop drawings for approval.
- Preparing tender documents for prospective projects for the contractor including mobilization schedules, work method statements, QC plans, and Master PoWs.

3rd September 2018 to 2nd November 2018

Organization : KENHA, Athi River Station

Position : Attachee

Project : Construction of Decongestion Lanes and Provision of Pedestrian facility at Mlolongo Town

Duties included:

- Inspecting the construction of 1.4 KM of fibre-reinforced concrete auxiliary lane and 340m long RC retaining wall to meet design standards and specification from the client (KeNHA).
- Attending site visits and presenting weekly reports and work plan.
- Inspection of road elevations with survey team using dumpy levels and checking alignments with bench marks points to check conformity with design values.
- Detailing of structural elements using AutoCAD for road elements such as culverts that required redesign.
- Performing any task given by supervisor and submitting relevant reports for record keeping.

MAIN GAINS

- The opportunity gave me a chance to increase my knowledge and skills in the engineering field e.g. detailing skills and design using software.
- I gained more site experience while visiting various sites and gained better understanding of planning for different construction stages.
- I gained better understanding of Engineers obligations to Clients and the general public.
- Etiquette skills; how to relate with colleagues and other works.

31st July 2017 to 12th September 2017

Organization : Sivad Construction Limited
Position : Engineer's Attaché for Syokimau –
Project : Construction of Katani road (Phase II)

Duties included:

- ✓ Setting out of road elevations with survey team using dumpy levels and checking alignments with bench marks points to check conformity with design values.
- ✓ Undertaking material testing for quality control and preparing reports for the client including the required soil and concrete tests.
- ✓ Attending site meetings and reporting the progress of the assigned duties to the resident engineer.
- ✓ Supervising casting of drainage works and laying of road pavement layers in accordance with design specifications.

MAIN GAINS

- ✓ I gained knowledge of how to interpret survey and road design drawings
- ✓ I improved my site experience
- ✓ Gained experience with calculating materials needed for concrete works.

SKILLS

I acquired survey skills using dumpy level and total station during my attachment at Sivad
Knowledge of quality testing of soil works and cement/ concrete materials.

REFEREES

1. Engineer David Ondari
Resident Engineer (Metrix Integrated Consultancy)
Jeevanjee Affordable Housing Project, Ngara
Tel 0706839483
2. Engineer Hezekiah Mwangi
Resident Engineer (Sivad Construction Limited)

Katani Road (Phase II)

Tel 0723166683

Declaration

*I certify that all the information given in this CV is true and complete to the best of my knowledge.
I authorize the recipient hereof to verify the information provided in this curriculum vitae should
the need arise.*