

**Nancy Naliaka Maruti**

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**BIO DATA**

**Gender:** Female

**Marital Status:** Single

**Date of Birth:** 20<sup>th</sup> April 1990

**Nationality:** Kenyan

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**PERSONAL PROFILE**

I am a highly dedicated and motivated professional with aspiring progressive career, possessing Bachelor of Engineering in Civil and Structural Engineering. I am self-driven, ambitious, innovative, analytical, a fast learner, and pride myself as a true team player with good interpersonal skills. I possess a great desire and drive to prosper in all works that I venture into. I have acquired relevant working experience having worked and undergone attachments in different organizations.

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**EDUCATION**

<b>Aug 2010 - May 2015</b>	<b>Bachelor of Engineering in Civil and Structural Engineering</b> Attained: Second class upper division. Moi University
<b>2005 - 2008</b>	<b>Kenya Certificate of Secondary Education</b> Attained: Grade A- Alliance Girl's High School
<b>1997 - 2004</b>	<b>Kenya Certificate of Primary School</b> Attained: 458/ 500 Marks Crane Academy Primary School

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**MEMBERSHIP TO PROFFESIONAL BODIES**

- Registered graduate Engineer with Engineers Board of Kenya ( **EBK** ) –B 10728
- Registered graduate Engineer with the Institutions of Engineers of Kenya ( **IEK** ) –G 6323

## SKILLS

- **Technical Skills:** I have a vast amount of technical knowledge in civil and structural works. I understand a variety of computer programs among other systems that are commonly used during an engineering project. I am creative and can think of new and innovative ways to develop new systems and make existing things work more efficiently.
- **Analytical Skills:** I can recognize areas of weaknesses requiring improvements and make recommendations to the management for consideration, approval and implementation
- **Engineering skills:** Knowledge of the practical application of Civil and structural Engineering. This includes applying principles, techniques and procedures to the design of various structures and infrastructures
- **Development and Operational Effectiveness:** Ability to lead strategic planning, results-based management and reporting.
- **Research skills:** I am able to source required information, evaluate and present the findings to completion of my tasks.
- **Teamwork:** Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow any marketing directives at appropriate times.
- **Communication Skills:** I am able to effectively pass information, interpret information and clearly give a feedback
- **Report writing:** I am able to describe a situation/event, interpret and analyse results, evaluate findings, discuss the likely outcome of future courses, give recommendation to a source of action and affirmative conclusions.

## WORK EXPERIENCE

**September 2015 –To date: Malaba Keya and Partners, Architects, Engineers and Planners LTD**

**Position:** Graduate Engineer

### **Key Qualification:**

I have had experience in designs, detailing and construction supervision on various projects. I am well skilled with a number of engineering soft wares for analysis, design and detailing. These include Revit and archiCAD for modeling, Lin Pro,Staad Pro ,Prokon and Robot Structural for analysis and Auto CAD for detailing.

### **General Responsibilities at the firm:**

- Design and detailing of civil and structural projects.
- Preparation of Bar Bending Schedules for structural drawings.
- Carrying out general works site inspection and assessments for compliance with specifications and schedules.
- Review and interpretation of project specifications and drawings
- Monitoring and coordinating, collection and testing material samples and analyzing results
- Assisting with construction management activities by holding regular – scheduled project coordination and progress meetings.
- Monitoring and coordinating safety and general quality control.
- Report writing
- Attending of client-consultants meetings, site meetings and inspection meetings.
- General clerical works including photocopying, plotting, printing, scanning, binding and lamination

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### Selected assignments

I have been involved in various projects as part of my professional experience including but not limited to:

- Supervising civil and structural engineer for proposed administration and tuition block for Mt. Laverna Primary School at Kasarani, Nairobi. This is a 3-storey reinforced concrete structure, its unique feature being the use of waffle slabs instead of the normal solid slab. The project commenced in 2017 and is at completion stage.
- Assistant project manager and also an assistant resident engineer for the proposed housing scheme development in Kitengela for Kenya Pipeline Company Retirement Benefit Scheme. This is a 101 maisonettes units project with major civil works to be done including access roads, water and waste water systems. The project commenced in August 2016 and is now complete.
- Assistant Resident engineer for the proposed fertilizer in Cheptiret (Eldoret) for Toyota Tsusho. This was a steel structured warehouse with various external works such as storm water and fouldrains, parking, drive ways and walkways. The project is complete.
- Design engineer for a proposed Reale Hospital in Eldoret for Reale Hospital. This was a 10-storey reinforced concrete structure plus a basement floor with a total surface area per floor of 3300m<sup>2</sup>. Unique structural features within the building that were handled were design of retaining walls, lift shafts and extensive ramps. The project is ongoing.
- Design engineer for a proposed construction and completion of a modern referral hospital in Bungoma for Bungoma County. This involved design of different units within the hospital including, Pediatric ward, Mortuary, main hospital block, infectious disease wards, Doctors' houses, chapel and gate houses. The structures are reinforced concrete structures. Extensive civil works also formed part of the project. This included, road works, storm water drainage and waste water treatment plant. The project is ongoing.
- Design engineer for a proposed 2-bedroomed apartment and 5-bedroomed maisonettes for Commercial Bank of Africa. The project is at design stage.
- Design and detailing of a proposed 4- storeyed reinforced concrete hostel for Methodist Church in Soy. The project is complete.
- Design and detailing of a proposed gazebo in Nairobi. The project is complete
- Design and detailing of a proposed 3- storeyed staff houses in Soy for the Methodist church. The project is complete.
- Design, detailing and supervision of a proposed 4- storeyed commercial development for Namai Brothers in Bungoma. The project is close to completion.
- Design and detailing of a proposed house in Kakamega for Janet Ominde. The project is complete
- Supervision of both structural and civil works for a proposed 4-storeyed commercial development for a private developer, Mr. Moses Mutinda in Eldoret. The project is complete
- Design and detailing of a proposed 7-storeyed residential flats along kirawa road in Naairobi for Nova Home builders. The project is at design stage.

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**July - Sept 2014**

**Moi University**

**Position:** Attache', Department of Civil & Structural Engineering

**Responsibilities:**

- Carrying out a research on the use of morphological indicators in the conceptual design of roof trusses for optimization purposes.

**June - Aug 2013**

**Nairobi City Water and Sewerage Company**

**Position:** Attaché, Technical Section

**Responsibilities:**

- Doing Auto CAD drawings for profiles of sewer lines.
- Setting ,repair and adjustments to water pressure
- Detecting supply fail and leakages
- Monitoring laying and fitting of pipes
- Carrying out water tests to test on the water quality.
- Carrying out wastewater tests to determine the quality of wastewater.

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**May - June 2011**

**National Taxpayer's Association**

**Position:** Research Assistant

**Responsibilities:**

- Administering questionnaires
- Assessment of ongoing civil and structural projects funded by CDF in Kwanza constituency
- Report writing on findings

**Other Positions Held**

- **July - Aug 2011:** Mathematics and Physics Teacher at Moi's Bridge High School

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## Referees

Professor C.W.M Sitters

Lecturer

Moi University

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Eng. Dennis Mutethia Mugao

Civil Engineer

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Eng. Malaba Robert Keya

Civil and structural Engineer

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