

CURRICULUM VITAE

PERSONAL DETAILS

- **Name:** Janet Kemunto Samwel
- **Date of Birth:** 5th April 2002
- **ID No:** 39261080
- **Gender:** Female
- **Phone:** 0769 859 056
- **Email:** kemuntoj121@gmail.com
- **Religion:** Christianity
- **Languages:** Ekegusii, Kiswahili, English
- **Location:** Kenya

PROFESSIONAL SUMMARY

Detail-oriented and adaptable Civil Engineering diploma graduate with hands-on experience in road construction, materials testing, and technical inspections through industrial attachment at Kenya Rural Roads Authority (KeRRA). Proficient in AutoCAD, Civil 3D, Revit, and surveying equipment such as Total Station and GPS. Skilled in concrete and soil testing, project documentation, and compliance monitoring. I am passionate about contributing to the improvement and growth of the civil engineering field at your organization and eager to apply my technical and practical knowledge to deliver value on every project.

EDUCATION BACKGROUND

- Kisumu National Polytechnic
Diploma in Civil Engineering (2022 – November 2024)
- Rigena Secondary School
KCSE – Kenya Certificate of Secondary Education (2020 – 2021)
- New Hill Academy Primary School
KCPE – Kenya Certificate of Primary Education (Completed in 2015)

WORK EXPERIENCE

Industrial Attachment

Kenya Rural Roads Authority (KeRRA) – Kisii
Engineering Intern (Jan – Mar 2023)

Project: Upgrading of Nyabisabo – Nyakwara – Nyaguta – Gesere Roads

Key Responsibilities:

- Conducted surveys including leveling, traversing, and staking road centerlines
- Measured and documented completed road works
- Performed lab tests on soil, sand, concrete, bitumen, aggregates, and rocks
- Operated concrete and soil testing equipment including CBR and Proctor machines
- Performed concrete strength tests such as slump test, cube crushing, and Schmidt hammer
- Prepared concrete mix designs and conducted gradation analysis
- Compiled daily inspection logs and ensured compliance with engineering specifications

TECHNICAL SKILLS

Laboratory Testing

- Soil, sand, concrete, bitumen, aggregate, and rock testing
- Field material sampling and preparation for lab testing
- Concrete testing: slump, cube crushing, mix design, Schmidt hammer
- Gradation and particle size distribution analysis

Equipment Operation

- Compression Testing Machine
- CBR Testing Machine
- Marshal Stability Tester
- Sample Preparation Equipment (Oven, Water Bath, Sand Equipment)
- Concrete Mixing Batch Plant
- Schmidt Hammer for hardness testing

Survey & Site Work

- Survey setup, leveling, traversing, and staking road centerlines
- Use of Total Station and GPS equipment
- Data analysis and survey record documentation

Software & Design Tools

- AutoCAD
- Civil 3D

- Revit

Project Documentation

- Daily site inspections and reporting
- Quantity surveying and cost estimation
- Ensuring compliance with safety and building regulations

LEADERSHIP AND INTERESTS

- Treasurer, Humanities Club – Rigena Secondary School

Hobbies

- Researching topical issues
- Travelling
- Watching documentaries

REFEREES

Eng. Elizabeth Ogega “Kenya Rural Roads Authority (KeRRA)” – Kisii
Phone: 0719 482 051

Eng. Dennis Nyang’au “Kenya Rural Roads Authority (KeRRA)” – Kisii
Phone: 0723 910 094

Mr. Benjamin Obiri.
Phone: 0718848188