

PROFESSIONAL SUMMARY

Highly accomplished Civil Engineer with a proven track record in managing multi-million-dollar infrastructure projects, delivering them under budget and ahead of schedule. Expert in implementing innovative engineering solutions and project management software, resulting in significant improvements in efficiency and client satisfaction. Committed to sustainable design principles, safety protocols, and team development, I am eager to leverage my expertise to drive project success and contribute to the engineering excellence of my next team.

WORK EXPERIENCE

Site Structural Inspector

Frontier Design Limited, Mombasa
Mombasa LPG Storage & Distribution Plant.

March 2024 – up to-date

- Conduct structural inspections on piling works, foundation systems for spherical gas tanks, and related earthworks.
- Ensure that bore piling, drilling, rebar placement, formwork, and concrete works comply with engineering designs and standards.
- Monitor earthworks operations, including soil compaction and grading, to achieve required load-bearing capacity.
- Verify anchor bolt installation and alignment for gas tank support structures.
- Coordinate with project engineers, geotechnical experts, and site contractors to ensure smooth execution of works.
- Maintain comprehensive records and reports on site progress, material tests, and structural compliance.
- Identify and resolve site issues promptly to prevent project delays and ensure safety compliance.

Site Supervisor

East African Piling Company Rwanda, Kigali
Gabiro Agribusiness Hub, Secant Piled Water Intake.

Feb 2022 - Nov 2022

- Supervised the construction of a water intake dam installing 438 secant piles 800-millimeter diameters that would help irrigate 1000s of hectares of land in Rwanda.
- Conducted detailed soil analyses for 15 piling locations, identifying critical areas for improvement and preventing potential structural failures, saving an estimated \$500K in potential damages.
- Recruiting and training piling crew on safety protocol, piling procedures, plant maintenance and effective communication skills ensuring seamless communication and alignment of project goals.
- Maintained the inventory of building materials and construction equipment, monitored project development to determine necessity.
- Delivered routine progress reports to stakeholders and scheduling onsite inspections to keep them abreast of developments, challenges and triumphs.
- Executed all disciplinary actions, investigations, complaints, conflict resolutions, dismissals, and terminations

adhering to employment laws and company policies.

Assistant Engineer

Nov 2020 - Jan 2022

Southern Engineering Company Limited, Mombasa Dongo Kundu Bypass Highway.

- Supervised the installation of Dongo Kundu 0.6meters steel driven piles of 690 meters Tsunza viaduct on tidal area, Mteza bridge which is the longest in Kenya 1440 meters with pile diameter 1.2meters as well as Mwache dam.
- Analyzing ocean tide movement to establish piling sequence and concreting time to prevent vessel damages and driven piles.
- Interpreting the bridge foundation blueprints and assist in setting out and levelling of bridge foundation piles and pile caps.
- Conducted regular site inspections to ensure compliance with safety standards, resulting in a 20% decrease in workplace incidents.
- Setting out, leveling, surveying and making reports on levels and progress of piling.
- Provide expert advice regarding contractor negotiation concerning modifications of work to establish equitable process and realistic time allowance for modified and or additional work

Other Work Experience

Junior Engineer

SamSally Contractors Limited, Mombasa

Jan 2018- June 2019

Assistant Surveyor

China Road and Bridge Corporation, Nairobi

Jan 2016 – Nov 2017

EDUCATION

Diploma in Civil Engineering, Murang'a University of Technology

Kenya, **June 2017**

Certificate in Fire safety, Ioshem Institute

Kenya, **July 2020**

Diploma in Health and Safety, UniAthena

Online, **Ongoing**

S K I L L S

Leadership and training
Planning & Forecasting
Site Management

Budgeting
Teamwork Attention
to detail

Site Safety
Communication
Flexibility

REFEREES

Mr. Felix Biketi
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