

CURRICULUM VITAE (CV)

Position Title and No.	Structural Engineer
Name of Expert:	Joseph Murithi Namu
Date of Birth:	30 th November, 1993
Country of Citizenship	Kenyan
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Email Address	Murithijseph93@gmail.com

MEMBERSHIP IN PROFESSIONAL INSTITUTIONS

- Registered Graduate Engineer – Engineers Board of Kenya

EDUCATION

- Septeber 2013 – May 2021 BSc. Civil Engineering Dedan Kimathi University of Technology.

LANGUAGES

- | | | | |
|-------------|-----------|-----------|-----------|
| • Languages | Writing | Reading | Speaking |
| • English | Excellent | Excellent | Excellent |
| • Kiswahili | Good | Good | Good |

EMPLOYMENT RECORD RELEVANT TO THE ASSIGNMENT:

Period	Employing organization and your title/position. Contact Information for references	Country	Summary of activities performed
May 2024 – Present	Assistant Resident Engineer/Assistant Structural Engineer CGP Consulting Engineers Ltd For references: Tel +254 716 338734 e-mail : george.kisui@cgp.co.ke ; George Kisui	Kenya	Name of assignment or project: Civil and Structural Engineering Design and Analysis, including parking of 4600 SM warehouse for Arichem Ltd. Year: 2024 Location: Kajiado County, Kenya. Main project features: 4600 SM warehouse Position held: Assistant Resident Engineer Actions performed: <ul style="list-style-type: none">Construction SupervisionPreparation of as-built drawingsPreparation of as-built bill of quantities Activities undertaken include; <ul style="list-style-type: none">Monitoring construction progress to ensure compliance with project

			<p>plans and specifications.</p> <ul style="list-style-type: none"> • Enforcing safety protocols on site and identifying potential safety hazards. • Maintaining accurate as-built drawings. • Assisting in preparing and managing Requests for information (RFIs) to clarify design details with the design team. • Assisting the Resident Engineer in review and processing change orders. • Providing technical expertise on construction methods and materials to the contractor. • Maintaining smooth communication between the contractor, design team, and the client.
June 2022 – May 2024	<p>Assistant Structural Engineer CGP Consulting Engineers Ltd For references: Tel +254 702 181820 e-mail : motieno@charchiconsultingeng.com ; Eng. Mathew Ochieng Otieno</p>	Kenya	<p>Name of assignment or project: Preliminary and Detailed Engineering Design for Dualling of A8 Road Eldoret Town Year: 2022 to 2024 Position held: Assistant Structural Engineer Actions performed:</p> <ul style="list-style-type: none"> • Design of road structures. (Bridges, Box culverts and retaining walls) • Production of structural drawings • Preparation of takeoff sheets for the bill of quantities <p>Activities undertaken include;</p> <ul style="list-style-type: none"> • Interpreting the road geometry design drawings and creation of structural concepts as required per the obstacle to be crossed. • Interpretation of Geotechnical reports • Design of road structures according to the British standards.

			<ul style="list-style-type: none"> • Assist in production of structural drawings. • Involved in the production of bill of quantities • Preparation of presentation slides for the Engineer. • Attending presentation meetings with different stakeholders involved with the project. <p>Softwares used;</p> <ul style="list-style-type: none"> • Autodesk Bridge Designer • Excel spreadsheets • Staad Pro • Autodesk Revit • Autodesk Robot Structural Analysis Professional. • Autodesk Autocad
June 2022 – May 2024	<p>Assistant Structural Engineer CGP Consulting Engineers Ltd For references: Tel +254 702 181820 e-mail : motieno@charchiconsultingeng.com ; Eng. Mathew Ochieng Otieno</p>	Kenya	<p>Name of assignment or project: Preliminary and Detailed Engineering Design for Eldoret Eastern Bypass, Eldoret Town Year: 2022 to 2024 Position held: Assistant Structural Engineer Actions performed:</p> <ul style="list-style-type: none"> • Design of road structures. (Bridges, Box culverts and retaining walls) • Production of structural drawings • Preparation of takeoff sheets for the bill of quantities <p>Activities undertaken include;</p> <ul style="list-style-type: none"> • Interpreting the road geometry design drawings and creation of structural concepts as required per the obstacle to be crossed. • Interpretation of Geotechnical reports • Design of road structures according to the British standards. • Assist in production of structural drawings. • Involved in the production of bill of quantities

			<ul style="list-style-type: none"> • Preparation of presentation slides for the Engineer. • Attending presentation meetings with different stakeholders involved with the project. <p>Softwares used;</p> <ul style="list-style-type: none"> • Autodesk Bridge Designer • Excel spreadsheets • Staad Pro • Autodesk Revit • Autodesk Robot Structural Analysis Professional. • Autodesk Autocad
June 2022 – May 2024	<p>Assistant Structural Engineer CGP Consulting Engineers Ltd For references: Tel +254 702 181820 e-mail : motieno@charchiconsultingeng.com ; Eng. Mathew Ochieng Otieno</p>	Kenya	<p>Name of assignment or project: Design Review of Lesseru-Kitale (B2) and Morus – Lokichar (A1) Roads. Year: 2022 to 2024 Position held: Assistant Structural Engineer Actions performed:</p> <ul style="list-style-type: none"> • Design review of road structures. (Bridges, Box culverts and retaining walls) • Review of structural drawings • Review of provided takeoff sheets of the bills of quantities <p>Activities undertaken include;</p> <ul style="list-style-type: none"> • Interpreting structural drawings, Hydrology and geotechnical data provided. • Review of provided structural drawing and calculations meets the requirements of Geometrics design, Hydrology and the Geotechnical reports. • Redesign of inadequate or missing road structures according to the British standards. • Assist in production of structural drawings. • Involved in the production of bill of quantities • Preparation of presentation slides for the Engineer. • Attending presentation meetings with different stakeholders

			<p>involved with the project.</p> <p>Softwares used;</p> <ul style="list-style-type: none"> • Autodesk Bridge Designer • Excel spreadsheets • Staad Pro • Autodesk Revit • Autodesk Robot Structural Analysis Professional. • Autodesk Autocad
February 2022 – May 2022	<p>Site Engineer Zhonghao Overseas Construction Engineering Company Limited Referee Contacts: Naftary Ngatia +254721981741</p>	Kenya	<p>Name of assignment or project: Construction of lot 3 Chuka Sewerage Infrastructure for Tana Water Works Development Agency. Year:2022 Location: Tharaka Nithi County, Kenya.</p> <ul style="list-style-type: none"> • Main project features: Trunk and Secondary Sewer lines total length of 51,338 Meters • Ntuntuni Sewage Treatment Plant handling 2300 Cubic Meters per day. <p>Position held: Site Engineer Actions performed:</p> <ul style="list-style-type: none"> • Construction management and Supervision <p>Activities Performed:</p> <ul style="list-style-type: none"> • Implementing design plans • Tracking project progress against the schedule and identifying potential delays • Coordinating the work of different subcontractors to ensure timely completion of tasks • Managing the flow of materials and equipment on site • Maintaining detailed records of site activities, including progress reports, daily logs, and non-compliance issues