



Curriculum Vitae (CV)

PERSONAL INFORMATION:

NAME: **KATELULA SALUM KASWAGA**
QUALIFICATION: Master of Engineering in Civil Engineering Specializing in PC Box Girder Bridge and Cable Bridge.
DATE OF BIRTH: 12th April 1989
MARITAL STATUS: Married with two children, SALHA & SAABIR
PHONE: +255 752 656688
LANGUAGES: English, Swahili, A little Chinese
MAILING ADDRESS: P.O.BOX 8269 Dare es Salaam, Tanzania
E-MAIL ADDRESS: katelula@gmail.com
SOCIAL NETWORK: <https://www.linkedin.com/in/katelula-S-kaswaga-b-sc-m-sc-peng-t-beng-t-243b4555/>

DESIGNATIONS HELD: Bridge Engineer, Chief Bridge Engineer, Cable – Stayed Bridge Engineer, Project Engineer, Track Engineer, Construction Manager, Works Manager, Project Manager, Forensic Engineer, Team Leader.

PROFILE: Always seeking to learn and grow. I am organized, a good planner, and a time manager.

PROFESSIONAL SUMMARY: Katelula Kaswaga is a dedicated Professional Bridge Engineer (cable-stayed Bridge Expert) with 13 years of Expertise in Structural Engineering and Construction of Long Span Bridge. He has been involved in several landmark cable-stayed bridge projects in Tanzania, Zambia and DRC Congo including Tanzanite Cable-Stayed Bridge (Construction, max span 125m, length 1.03km) crossing the Indian Ocean in Tanzania; J.P. Magufuli Cable-Stayed Bridge (Construction, max span 160m, length 3.0km), crossing Lake Victoria in Tanzania; Pangani Box Girder Bridge (Construction, max span 60m, length 525) crossing Pangani River in Tanga, Tanzania; and Luapula Cable Stayed Bridge (Construction, max span 184m, length 362m) spans Luapula River connecting Zambia and Democratic Republic of Congo and Nyerere Cable-Stayed Bridge (Research Engineer, max span 200m, length 680m) crossing the Indian Ocean, Construction of Beijing Metro 19 Line Civil Engineering Construction 09 Contract Segment (New Line 19 Beijing Subway Underground Station) in China, Roads Construction, and Track/Railway Engineering with an ability to engage in Scientific Research Independently.

He's also a member of the International Association for Bridge and Structural Engineering (IABSE) and the Chair of the IABSE Tanzania Group.

- Sound experience in project and site management, including responsibility for technical, contractual, and commercial matters; interface between project direction and stakeholders (e.g., clients, authorities, site supervisors, consulting engineers, and architects); quality control and safety control, and time management and Practical use of the 1999 FIDIC Conditions of Contracts.

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- Literate skilled in Auto-CAD program, MS Office, Excel, SAP2000, and Road Doctor® Software for surface and sub-surface data analysis and Ground Penetrating Radar. I am very well organized, target-focused, and flexible to change.

ACADEMIC INFORMATION:

MASTER OF ENGINEERING IN CIVIL ENGINEERING "Specialized in PC Box Girder Bridge and Cable- Stayed Bridge"	BEIJING JIAOTONG UNIVERSITY (2016-2019), ON SCHOLARSHIP FROM CHINA SCHOLARSHIP COUNCIL. (A university ranked among the TOP 20 in China and TOP 5 in Civil Engineering) "Thesis title "Wind Load Analysis of Cable-Stayed Bridges and Comparison of Design Codes."
B.Sc. (Hons) CIVIL & STRUCTURAL ENGINEERING	UNIVERSITY OF DAR ES SALAAM, TANZANIA (2009-2013) (1 st best university in the country and among TOP 20 in Africa, obtained a degree with honors).

MEMBERSHIP IN PROFESSIONAL ASSOCIATION:

1. Registered as a Professional Civil / Structural / Bridge Engineer PE / BE- under the Engineers Registration Act, 1997, with registration **No. PE 5525**.
2. Member of the International Association for Bridge and Structural Engineering (IABSE) with **ID No. 67290481**.

TRAINING ATTENDED:

1. 25 – 29 November, 2024 **"Green Infrastructure Design Course" Morogoro, Tanzania.**
2. April 2023 – December 2023 - **Post Graduate Diploma Program in Bridge Design & Technology** by STRUCTUREX Engineering Consulting Training, India.
3. 07th August – 01st September 2023 – Certificate of Completion **"Project Management Professional" PMP** Preparation Course by HEBO Consult.
4. 21st – 24th November 2022 – Attending a course on the **Practical use of the 1999 FIDIC Conditions of Contracts Module 1 & 2 with Highlights of 2017 Editions** held at Rafiki Hotel, Dodoma.
5. 17 – 21 October 2022 **"Attending a Course on Construction Contract Management"** held at Beacon Hotel – Mbeya, Tanzania.
6. October 11 - **MIDAS Bridge Webinar: Design and Analysis of Irregular Geometry Prestressed Concrete Bridges for Urban Interchanges.**
7. 2 September 2022 – IABSE Webinar: **"Design and Construction of New Ashton Arch, Western Cape, South Africa"**
8. March-May 2021 **"ROAD DOCTOR SURVEY VEHICLE (RDSV) INSTALLATION, DATA COLLECTION, PROCESSING AND ANALYSIS TRAINING COURSE"** Dar es Salaam, Tanzania.
 - Road Doctor® Software for surface and sub-surface data analysis and Ground Penetrating Radar (GPR) data processing, handling, and analysis. The certificate is awarded.
9. **LWDMod Software for DYNATEST 3032 LWD, Light Weight Deflectometer.**

SYMPOSIUM / CONFERENCES / SEMINAR ATTENDED:

1. 6 – 7 November, 2024 **"OVM Global Dealer Conference of Prestress Technology" Liuzhou, China.**
2. 25 - 27 September 2024 **" IABSE Congress, Costa Rica: "Beyond Structural Engineering" San Jose, Costa Rica.**
3. 24th September 2024 **"Forensic Engineering Workshop Structural Failures – Investigations, Causes, Lesson Learned and used to Mitigate failures" IABSE Pre-Congress Workshop, San Jose, Costa Rica.**
4. 26 – 29 May 2024 **"FIDIC Africa Infrastructure Conference 2024" – Dar es Salaam, Tanzania;** Presented the paper

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titled "Construction of J.P. Magufuli Extradosed Bridge Located in Mwanza nearby Kigongo/Busisi Ferry".

5. 9th April 2024 "Future of Design" - **IABSE Pre-Congress Workshop, Manchester, UK**
6. 10 – 13 April 2024 "Construction's Role for a World in Emergency" - **IABSE Symposium Manchester, UK.**
7. 20 – 22 September 2023 "Engineering for Sustainable Development" – **IABSE CONGRESS 2023, New Delhi**
8. 19th September 2023 "Forensic Structural Engineering" **IABSE Pre-Congress Workshop, New Delhi, India**
9. 21st Sep 2023 "Pecha Kucha Session for Young Engineers Programme" **IABSE CONGRESS 2023, New Delhi.**
10. 26 – 28 April 2023 "LONG SPAN BRIDGE" - **IABSE SYMPOSIUM ISTANBUL 2023**
11. 3 – 6 June, 2017, 27th "WORLD TRANSPORT CONVENTION" - (WTC2017) Beijing, China.
12. 20th August, 2015 to September 9th "Infrastructure Planning and Construction for Developing Countries" **Shanghai, China.**
13. 27th July, 2012 "Prioritization of Bridge Maintenance in a Transportation Corridor:" held at **Luther House Conference Hall- Dar es Salaam, Tanzania.**

PUBLICATIONS:

1. "Construction of J.P. Magufuli Extradosed Bridge Located in Mwanza nearby Kigongo/Busisi Ferry" – Published at Oxford Abstract for IABSE Congress San Jose 2024!
2. "Recent Major Bridges in Tanzania" – Published at Tongji University, Post Tensioning Journal, December, 2024. <https://ptmc.tongji.edu.cn/yyljsen/article/pdf/202502005>

COMPETENCIES:

- **Technical Skills:** Excellent problem-solving and design skills with the ability to deliver practical solutions.
- **Communication:** Good interpersonal skills and ability to communicate effectively to all levels internally and with external clients. Excellent reporting and writing skills.
- **Team Skills:** Exceptional teamwork skills to contribute to and collaborate with multi-disciplinary teams, but also can work independently to a high standard, as the assignment nature dictates.
- **Software literate:** AutoCAD program, MS Office programs, Excel, SAP2000, and Road Doctor® Software for surface and sub-surface data analysis and Ground Penetrating Radar (GPR) data processing and analysis.
- **Project Management:** Organized, target-focused, adaptable to change, and able to manage teams.

PERSONAL STYLE AND BEHAVIOR:

- Self-motivated and committed, with a high degree of integrity, and committed to own personal development.
- A team player who seeks to contribute positively to the working group with a positive collaborative attitude.
- Able to perform effectively within changing environments; demonstrates willingness and flexibility of availability to meet business needs.
- Demonstrates a solid need to achieve, setting high standards for self and others. Committed to the value of own role, takes initiative, and focuses on improving business performance.
- Able to relate to individuals and form relationships quickly while also able to work on one's initiative.

MEDALS, AWARDS, PRIZES, ACHIEVEMENTS, DISTINCTIONS

1. 2024 - Crest of Honor from OVM- China on my paper titled "Recent Major Bridges in Tanzania"
2. 2020~2021 – New Selander Bridge Project Bonanza – Champions.
3. 2020 – New Selander Bridge Project Outstanding Employee.
4. 2019 Kiddo Cup testimonial TIANJIN – Champions.
5. 2018 BJTU International Student Football Tournament - 3rd Place Winner.

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6. 2017 CHEICK TIOTE Tribute Tournament – 2nd Winner.
7. 2016 Beijing African Cup of Nation Tournament – Champions.
8. 2016-2019 Appreciation leadership – Tanzanian Students Union in Beijing.

PROFESSIONAL WORK EXPERIENCE

1	Name of assignment or project	Construction of a 362m Cable-Stayed Bridge Over the Luapula River under Kasomeno – Mwende Toll Road Project: 184km, 25-year PPP concession spanning from Kasomeno (DRC) to Mwenda (Zambia).
	Year: Location: PMC Consultant Contractor: Main project features: Position held Activities Performed	August 2025 – to date Zambia & Democratic Republic of Congo GED Africa Limited Kairos Consulting Engineers China Civil Engineering Construction Corporation (CCECC) Total Project Length: L = 184km → Bridge : L = 362m, B = 19.92m (2-lanes) • Main Bridge (Cable Stayed Bridge) L = 88 + 184 + 88 = 362m (max. span = 184m) Pylon Height (H) = 50m → Road: L=184km, B = 11.5m (2-lanes) • Mwenda Side (Zambia): L= 92km • Kasomeno Side (DRC): L = 92km Chief Bridge Engineer/ Chief Structural Steel Engineer • Oversee construction activities on behalf of the Employer and provide technical guidance. • Liaising with the Technical Department of the Employer and the Project Sponsor. • Organising and coordinating the work of Employer's Representative (ER) team (the project manager; the resident engineers (Res) and supervising their duties. • Control manufacturing operations while monitoring and enforcing the contractor's approved work program and delivery schedules. Provide advice as appropriate to the contractor's technical team. • Manage Project timelines and adjust plans and work programmes as necessary. • Collaborate with multidisciplinary teams of the Employer's Representative and Contractor to develop Project plans • Ensure compliance with safety regulations and standards. • Ensure compliance with construction standard requirements.

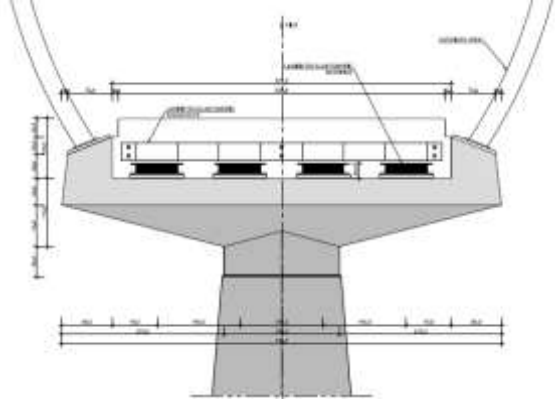
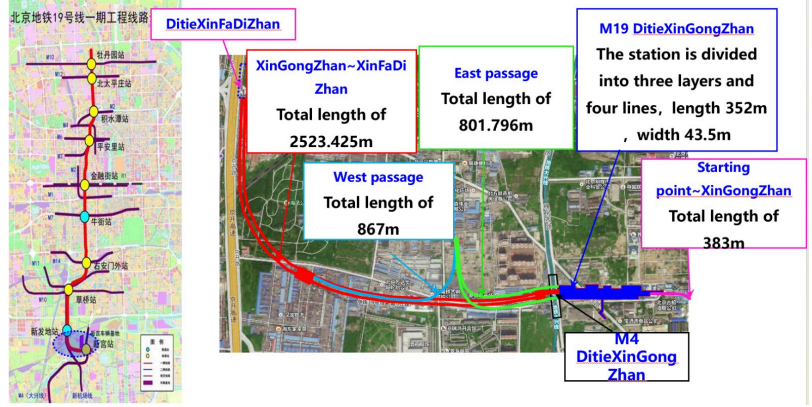
		• Prepare detailed Project reports and documentation and update the Employer's management team of the progress of construction. • Review and approve material specifications and construction drawings as recommended by the Employer's Representative. • Conduct the risk assessments of the project and suggest mitigation / implement safety measures. • Ensure quality control by imposing to the contractor and Employer's. • Representative when necessary additional routine inspections and testing. • Professional supervision of the manufacturing and assembly of steel structures (bridge) • Control production processes and monitor and enforce agreed production and delivery schedules of the contractor. Liaise with the Employer's and the Project Sponsor's technical teams and oversee the works of the Consultant's team (Employer's Representative - ER) and advise where necessary. • Ensuring that valid documentation is provided by the contractor for manufacturing and installation tasks, and that the documentation is in full compliance with the necessary specifications and is strictly followed. • Coordinating technical design documentation and quality assurance tasks with the Employer's Representative team, designer, and partner organisations. • Provide the technical solutions of the tasks to be carried out, review and monitor the contractor's work program, with expected resource requirements previously agreed with the technical departments.  Achievements. Engineering skills gained in managing bridge construction, project and contract management, project quality control, project safety control, budget and financial management, and cooperation with the Project Sponsor, Employer, Consultant, and Contractor and Stakeholders.
1	Name of assignment or project	Construction of the J.P. Magufuli Extradosed Bridge (3.0km) and Its Approach Roads 1.16km (Extra-dosed Bridge).
	Year: Location: Client: Consultant:	December 2022 - to July 2025 Mwanza, Tanzania. Tanzania National Roads Agency (TANROADS)

	Contractor: Main project features: Position held Activities Performed Achievements	JV of Yooshin-Cheil-RINA in association with M/s Afrisa Consulting M/s China Civil Engineering Corporation (CCECC) in JV with M/s China Railway 15 Bureau Group Corporation (CR15G) Total Length : L = 4.66km → Road: L=1.66km, B = 27.45m (4-lanes) • Kigongo Side: L = 1.16km • Busisi Side: L = 0.50km → Bridge : L = 3.0km, B = 27.45m (4-lanes) • Main Bridge (Extra-dosed Bridge): FCM L = 100 + 2@160 + 100 = 520m (max. span = 160m) Pylon Height (H) = 18.5m • Approach Bridge: L=2,480m ✓ Kigongo Side : L = 1,240m (31@40m) ✓ Busisi Side : L = 1,240m (31@40m) Project Bridge Engineer cum Cable-Stayed Bridge Expert • Responsible for all technical and engineering aspects of their assigned projects; • Monitoring compliance with applicable codes, practices, QA/QC policies, performance standards, and specifications; • Advice on health and safety related to structural elements and their construction; • Assessment and recommendation of remedial testing and measures for suspect elements; • Deck Slab and Form Traveller Construction Specialist; • Assessment of adequacy of foundations, including piles and ground-bearing capacity; • Provide technical assistance; • Review monthly progress report; • Solve problems and develop strategies; • Overseeing project updates to ensure the project is on schedule and within budget; • Perform overall quality control of the work (budget, schedule, plans, personnel's performance) and report regularly on project status; and • Attending monthly and technical meetings with project team members. • Review and approve the test report conducted at the site, including Lateral Loading Test and others. • Review and approve Contractor Interim Payment Certificate. • Project Management, Design Review, and Construction Management. • Review of Construction Methodologies and strategies. • Management budgets and financial projections for the project to maintain spending and express within budgetary guidelines.
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		Engineering skills gained in managing bridge construction, project and contract management, project quality control, project safety control, budget and financial management, and cooperation with Employer, Consultant, and Contractor. 
2	Name of assignment or project	Construction of the New Selander Bridge now Tanzanite Extradosed Bridge (1.03km) and Its Approach Roads (5.2km) - (Extra-dosed Bridge) Under FIDIC condition.
	Year: Location: Client: Consultant: Main Contractor: Sub-Contractor (Bridge): Main project features:	December 2018 - February 2022 Tanzania Tanzania National Roads Agency (TANROADS) Yooshin Engineering in association with M/s Afrisa Consulting. GS Engineering & Construction. China Railway Major Bridge Engineering Group Co., Ltd Total Length: L = 6.23km → Connecting Road: L=4.4km, B = 20.5m (2 lanes to 4 lanes) • Widening of the existing roads: $L = 1.2 + 3.32 = 4.4\text{km}$ (2 lanes to 4 lanes) • New road construction: $L = 080\text{km}$ (4 lanes) → Bridge : L = 3.0km, B = 20.5m (4-lanes of carriageway) • Main Bridge (Extra-dosed Bridge): FCM $L = 85 + 4@125 + 85 = 670\text{m}$ (max. span = 125m) Pylon Height (H) = m Pylon Highest Height (H) = • Approach Bridge: L= 360m (PSC Beam Bridge) ✓ Coco Beach Side (A1): L = 2000m (5@40m) ✓ Agakhan Side (A2): L = 160m (4@40m) Position held Activities Performed
		Bridge Engineer cum Construction Manager • Preparation of construction methodology of Test pile, Permanent bored pile, Cofferdam, Pile Cap, Pier column, lower and Pylon, demolition of casted piles, concrete surface treatment, Pile dynamic load test, Coping beam, Pier segment, key segment, Free Cantilever Methodology (FCM), Stay Cable

	Achievements	Installation, Deck slab, Expansions Joint, Key segment and so on. • Preparation of a technical proposal. • Attending daily site meetings and leading weekly technical meetings with project team members. • Head of local site Engineers. • Formwork design of Pier Cap, Abutment, Pier Column, prestressed Concrete Beam, and review of pylon formwork • Hanging bars designed for the lifting of steel casing • Design of tower crane leg welding and design of gantry crane foundations. • Shops drawing preparation for bored piles, pile cap, Pier column, Pylon, and Extradosed Bridge deck segment. • Assessment of adequacy of foundation, including piles and ground bearing capacity. • Attending and reviewing the test report of Cross-Hole Ultrasonic logging Test (CSL), High strain dynamic pile load (PDA), Osterberg cell testing (O-cell loading test), Lateral load test of permanent piles, Ultrasonic welding testing (UT), a Load test of the tower crane. • Design short steel casing length instead of the entire casing for constructing bored piles. • Construction Engineer of Temporary Trestle Bridge, Drilling platform, Bored piles, Pile cap, Pier, Pylon, Pier, Deck Segment, Abutment, and Fabrication yard. • Company representatives on additional soil investigation. • Checking the effect of removing Steel pipe piles (SPP) on the permanent piles. • Post Tensioning Prestressing works for (PSC Beam, Main Girder, and Stay Cable) Technical Engineer. • Expansions Joint Installation Technical Engineer. • Ensuring Project quality control and Safety control. • Median Safety Barrier Production and Installation technical Engineer. • Preparation of Handover Documentation, including as-built drawings and all other related documents. • Preparation of Final Completion Report (Bridge Part). • Practical use of the 1999 FIDIC Conditions of Contracts Engineering skills gained in the design, supervision, safety management, overall management of bridge construction methodologies, project quality control, project safety control, and cooperation with Employer, Consultant, and Main Contractor.
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3	Name of assignment or project	Design and Built for the Standard gauge Railway Line from Dar es Salaam to Morogoro Project Under FIDIC conditions.
	Year: Location: Client: Contractor: Main project features: Position held Activities Performed Achievements	July 2018 to December 2018 Dar es Salaam, Tanzania Tanzania Railway Corporation Yapi Merkez To provide a reliable, efficient railway network leading to reduced cost of transportation and logistics. Bridge & Structural Engineer • Attending daily site meetings and leading weekly technical meetings with project team members. • Structural design of the temporary works. • Supervision of the viaduct bridge construction. • Technical clarification of construction drawings. • Reviewing and preparation of construction drawings. • Ensuring project quality control and safety control. • Provide technical advice on safe design and construction. • Preparation of Construction Methodologies. • Preparation of method statement for specific structural repairing. • Preparation of RFI and RFP. • Cooperation between the Involved parties. • Understanding of the structural elements and their functions. Engineering skills gained in design, supervision, safety management, overall management of railway construction methodologies, project quality control, and project safety control.

		
4	Name of assignment or project	Construction of Beijing Metro 19 Line Civil Engineering Construction 09 Contract Segment (New Line 19 Beijing Subway Underground Station).
	Year: Location: Client: Consultant: Contractor: Main project features:	May 2017 to May 2018 Beijing, China. Beijing's Railway Construction and Management Co., Ltd. Beijing Subway Line 19 Supervision Units China Railway No.4 Engineering Group Co.Ltd To improve Beijing's Traffic Environment.  北京地铁19号线一期工程线路图 DiTieXinFaDiZhan XinGongZhan~XinFaDi Zhan Total length of 2523.425m East passage Total length of 801.796m West passage Total length of 867m M19 DitieXinGongZhan The station is divided into three layers and four lines, length 352m, width 43.5m Starting point~XinGongZhan Total length of 383m M4 DitieXinGong Zhan Position held Activities Performed Civil Engineer (Tunnel) • Design of guard post formwork and supervision of guard post foundation construction. • Supervision of underground tunnel construction. • Construction supervision of Truck-mounted crane foundation. • Review and analysis of design drawings. • Provide technical advice on safe design and construction. • Preparing shop drawings for rebar work fabrication. • Conducting on-site safety and progress inspections. • Meeting with the engineering team to discuss the scope and scale of the project. • Coordinate daily activities in the Engineering Department. • Record, track, and analyze progress. • Review Specifications, Manuals, and Guidelines of the project.

	Achievements	• Conduct quality control during construction, including review of specifications and drawings and assisting with construct-ability reviews • Assist during construction and review of all tasks related to tunnel construction and alignment Engineering skills gained in design, construction of underground structure of subway, Tunneling, Cut and cover method, mining method, and safety management, Post Tensioning Work. 
4	Name of assignment or project	Wind Load analysis of Cable Stayed Bridge and Comparison of Design Codes: Case Study Kigamboni Cable-Stayed Bridge (Now Nyerere Bridge) - (Cable-Stayed Bridge)
	Year: Location: School: Main project features:	September 2016 to June 2019. Beijing, China & Dar es Salaam, Tanzania. Beijing Jiatong University. Master's Thesis Study. Total Length: L = 680m → Connecting Road: L=2.5km, B = 32m (3 lanes to 6 lanes) • Connecting roads: L = 1km (Kurasini side); 1.5km (Kigamboni side) → Bridge : L = 680m, B = 32m (6-lanes of carriageway), D = 3.850m • Main Bridge (Cable-Stayed Bridge): FCM L = 5@40 + 60+200+60+4@40 = 680m (max. span = 200m) Pylon Height (H) = 52m Pylon Width = 8m, Width 3.5m
	Position held	Researcher on Cable-Stayed Bridge (Master's Student)
	Achievement	Engineering skills gained in design and construction of Cable-Stayed Bridge and ability to work independently (research)

			
5	Name of assignment or project	Design and Construction of the University of Dar es Salaam Students Hostel (6-storey Building).	
	Year: Location: Client: Consultant: Contractor: Main project features: Position held Activities Performed	December 2014 to September 2016. Dar es Salaam, Tanzania. Ministry of Education, Science, and Technology – UDSM University. Tanzania Building Agency. Tanzania Building Agency. To improve the accommodation status, especially for the fresher students. Project Structural Engineer • Preparation of design calculations and structural design drawings for building construction. • Participation in the Geotechnical investigation. • Preparation of Construction drawings. • Design of Concrete mix for C15, C20, and C25. • Provide technical advice on safe design and construction. • Consider the strength of construction materials and select appropriately. • Monitor and inspect all work undertaken by contractors to ensure structural soundness. • Analyze configurations of the basic components of a structure. • Liaise with professional staff such as Architects, Quantity surveyors, and Environmental Engineers. • Meeting with the engineering team to discuss the scope and scale of the project. • Attending weekly and monthly progressing meetings, including technical meetings with team members.	
	Achievements	Engineering skills gained (in Design, Drawing, Supervision, and Project Management).	

		
6	Name of assignment or project	Design the Laboratory and Conference Building at Mtwara Town & Lindi for The Ministry of Water.
	Year: Location: Client: Consultant: Contractor: Main project features: Position held Activities Performed Achievements	December 2014 to September 2016. Dar es Salaam, Tanzania. Ministry of Education, Science, and Technology – UDSM University. Tanzania Building Agency. Tanzania Building Agency. To improve the accommodation status, especially for the fresher students. Structural Engineer • Preparation of design calculations and structural design drawings for building construction. • Participation in the Geotechnical investigation. • Preparation of Construction drawings. Engineering skills gained (in Design and Drawings Preparation).
7	Name of assignment or project	Design of Mbulu District Commissioner's Residence Manyara.
	Year: Location: Client: Consultant: Contractor: Main project features: Position held Activities Performed Achievements	December 2014 to September 2016. Dar es Salaam, Tanzania. Mbulu District Commissioner. Tanzania Building Agency. Tanzania Building Agency. To improve the accommodation status of the District Commissioner Structural Engineer • Preparation of design calculations and structural design drawings for building construction. • Participation in the Geotechnical investigation. • Preparation of Construction drawings. Engineering skills gained (in Design and Drawings Preparation).
8	Name of assignment or project	Construction of Lugenge, Kisilo & Utalingolo Water Supply Project In Njombe Town.
	Year:	July 2014 to November 2014.

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	Location: Client: Consultant: Contractor: Main project features: Position held Activities Performed Achievements:	Dar es Salaam, Tanzania. Njombe Town Council Service Plan. Tolerance Engineering Construction Co., Ltd. To improve the Water Supply network in Njombe Town Council. Project Manager & Structural Engineer. • Preparation of payment certificate. • Preparation of site progress report, attending daily site progress meetings and technical meetings. • Concrete mix design. • Reviewing construction drawings and preparing detailed drawings preparation of working schedules. • Provide technical advice on safe design and construction. • Consider the strength of construction materials and select appropriately. • Coordinate the team for the supervision and execution of the project. • Review of the reports. Engineering skills gained (in Management, Design, Construction, and Installation maintenance) and all civil work related to the construction of water storage tanks).
9	Name of assignment or project	Construction of Pipe Water Supply for Nduli & Mgongo Villages in Iringa Municipal Council.
	Year: Location: Client: Consultant: Contractor: Main project features: Position held Activities Performed	July 2013 to June 2014. Iringa, Tanzania. Iringa Municipal Council. NORPLAN. RJR Construction Co., Ltd. To improve the accommodation status, especially for the fresher students. Structural Engineer • Site supervision and execution. • Preparation of paperwork and all civil work related to water storage tank 150m³. • Preparation of site progress report, attending daily site progress meetings and technical meetings. • Concrete mix design, block work, and material testing. • Reviewing construction drawings and preparing detailed drawings. • Fabrication of Marker post, Fence poles, and Manhole cover. • Quality control materials and quantification of quantities/works to a consultant. • Reviewing construction drawings and preparing detailed drawings preparation of working schedules. • Provide technical advice on safe design and construction. • Design of temporary and falsework.

		
	Achievements:	Engineering skills gained (in Management, Design, Construction, Project Management, and all civil work related to the construction of water storage tanks).
10	Name of assignment or project	Mtwara Port Phase II Development
	Year: Location: Client: Consultant: Main project features: Position held Activities Performed Achievements	July 2012 to October 2012. Mtwara, Tanzania. Tanzania Port Authority. COWI Tanzania. To develop the commercial exchange between Tanzania and its southern neighboring countries: Zambia, Malawi, and Mozambique. Trainee - Structural Engineer • Structural design of Reinforced concrete slab, beams, column, wall panel, and retaining walls. • AutoCAD structural detailings and Bar bending schedule preparation. • Witnessing testing of materials at the laboratory. • Quality control materials and quantification of quantities • Reviewing construction drawings and preparing detailed drawings preparation of working schedules. • Review of Contractor request for inspection. Engineering skills gained (in Design, Drawing, and Supervision)
11	Name of assignment or project	Upgrading of Dar es Salaam City Road to Alleviate Traffic from Bus Terminal to Kigogo Roundabout (6.4km)
	Year: Location: Client: Contractor: Main project features: Position held Activities Performed	August 2011 to October 2011. Dar es Salaam, Tanzania. TANROADS Dar es Salaam Region. Estim Construction Co., Ltd To improve the Dar es Salaam Traffic Corridor. Trainee - Civil Engineer • Site works supervision and office works, including Preparation of RFI

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		• Witnessing testing of materials at the laboratory. • Toolbox meetings • Field works record
	Achievements	Engineering skills gained (in Design, Drawing, and Supervision)

REFEREES**Engr. Sung Hwan CHOI****Construction/ Project Manager**

May 2023 – Present.

Tabuk, Saud Arabia

Mobile: (+966) 55 052 1859

Email: sunghchoicst@gmail.com

Project Manager/Team Leader – J.P. Magufuli Extradosed Bridge (3.0km) and Its Connecting Roads (1.66km)

Bridge Engineer – J.P. Magufuli Extradosed Bridge (3.0km) and Its Connecting Roads (1.66km)

Yooshin Engineering and Cooperations.

July 2023 – May 2023

Engr. Peter Hyeuk, Kun Woo

Bridge Erection Expert in PMC Organization (TCAP) for National High-Speed Rail Corporation Limited (NHSRCL).

TATA Consulting Engineers Limited (TCE)

Feb 2022 – Present.

Resident Engineer – New Selander Cable Stayed Bridge and Its Connecting Roads

Project Manager; Bridge / Structure division – New Selander Cable Stayed Bridge and Its Connecting Roads

Yooshin Engineering and Cooperations.

Dec 2018 – Jan 2022.

Tel: +82 10-6219-3315

Email: peterwoo65@gmail.com

Engr. Jae-Hyun Kweon

Senior Manager/Bridge Engineer - New Selander Cable Stayed Bridge and Its Connecting Roads

Infrastructure Team

Professional Engineer Civil Engineering Structures

Technology Division

GS Engineering and Construction

Dec 2018 – Jan 2022.

GRAN SEOUL,

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C.P.O. Box 234, Seoul, Korea

Tel 82-2-2154-2331 Fax 82-2-2154-0885

Mobile 82-10-7521-1199

E-mail: jhkweon@gsenc.com

Engr. Lulu Dunia

Municipal Engineer

Africa Urban, Resilience and Land Team (SAEU2)

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World Bank Group

Bridge/Structural Engineer - New Selander Cable Stayed Bridge and Its Connecting Roads
Yooshin Engineering Co., in Association with Afrisa Consulting Ltd
Dec 2018 – Jan 2022.

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Prof. Zhang Nan

Professor, Ph. D.

Deputy Director

Department of Bridge Engineering, School of Civil Engineering

Beijing Jiaotong University

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www.bjtu.edu.cn

Sept 2016 – June 2019.

CEngr. Hillary A. Msaki

Consulting Engineer,

Chief Engineer,

Tanzania Building Agency (TBA).

Dec 2014 – Dec 2016

P.O.Box 9542, Dar Es Salaam - Tanzania

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Engr. Salum Chanzi

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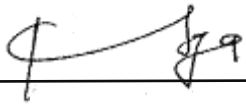
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DECLARATION

I, **KATELULA SALUM KASWAGA**, declare that the information provided is accurate to the best of my knowledge and experience. I am ready to give any approval in case it is required.



Signature