**CURRICULUM VITAE**

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| **Name:** | Lilian Mumbua Kilatya | |
| **Date of Birth:** | 06/10/1989 | |
| **Country of citizenship / residence:** | Kenya | |
| **Contact Information:** | **Email address:** | liliankilatya96@gmail.com |
| **Telephone numbers:** | +254710814796 |
| +254737835294 |
| **Education:** | BSc. Civil Engineering (second class upper division honors) from Jomo Kenyatta university of Agriculture & Technology | |
| **Leadership Positions** | * Ordinary Council Member (2022-24) of The Institution of Engineers of Kenya (IEK) * Chairperson of the IEK Young Engineers/Future Leaders Committee(2022-24) | |

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| **MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS** | | | |
| **Professional Association** | **Level** | **Membership Number** | **Year of Registration** |
| Engineers Board of Kenya (EBK) | Professional Engineer | A3907 | 2021 |
| The Institution of Engineers of Kenya (IEK) | Corporate Member | M.6758 | 2021 |

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| **LANGUAGE SKILLS:** |  | **Speaking** | **Reading** | **Writing** |
| **English** | Excellent | Excellent | Excellent |
| **Swahili** | Excellent | Excellent | Excellent |

**EMPLOYMENT RECORD**

| **Period** | **Employing organization and your title/position. Contact information for Referees.** | **Country** | **Summary of activities performed relevant to this assignment** |
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| August 2019-to date | **Employing Organization**  Kenya Bureau of Standards  **Title/Position**  Quality Assurance Officer, Civil Engineering  **Contact information for Referee**  Mr. Joshua Nyabicha  Ag. Assistant Manager Quality Assurance, Civil Engineering  Email address: nyabichaj@kebs.org | Kenya | Predominant working Environment:   1. Factories 2. mining sites 3. Market outlets 4. Workshops    * Visit allocated firms to carry out inspection of the production process from raw materials to finished products to ensure compliance to specifications.    * Draw product samples from the industries using approved sampling methods for purposes of testing.    * Implement KEBS product certification scheme to facilitate issuance of Standardization Mark and Diamond Mark of Quality to enhance market access of certified products.    * Analyse laboratory test reports and give feedback to client upon compliance and/or non-compliance for continued conformity or for corrective action.    * Participate in prosecution of parties contravening the Standards Act, by preparing relevant documents to effect adequate evidence    * Provide technical advice on product and quality process to industry and other stakeholders, to ensure they consistently comply with standard requirements    * Participate in preparation of work plans by preparing industrial visit schedules to ensure all allocated firms are visited as planned    * Participate in relevant technical committee meeting for review and/ or development of standards.    * Sensitize and educate public on usage of standards and participates in implementation programs to create awareness on quality in the relevant sectors. Market and promotes KEBS services to Industry by informing manufacturers the services offered    * Ensure payment of product certification fees according to the firm’s category i.e. small, medium or large is done |
| October 2018-July 2019 | **Employing Organization**  Interconsult Engineers ltd  **Title/Position**  Graduate Civil/ Structural Engineer  **Contact information for Referee**  Eng. Mwangi Ngunjiri  Senior Civil/Structural Engineer  Email address: josemngunjiri@gmail.com | Kenya | Projects:   1. The proposed Nairobi Hospital Extensions and Alteration at the Main Laboratory, Nairobi 2. The proposed Nairobi Hospital Sewer and Storm Water Master Plans, Nairobi 3. Proposed Nation Police Service Hospital, Nairobi. 4. Proposed SMT Building for Dedan Kimathi University of Technology    * Preparing preliminary Structural and Civil drawings, with Orion, ROBOT and AutoCAD software, and documentation    * Carrying out detailed Structural and Civil designs    * Preparing detailed Structural and Civil drawings, with AutoCAD software, and documentation    * Preparing specifications    * Preparing estimates for Civil works    * Submitting and following up on County approvals    * Preparing bar bending schedules    * Site inspections and issuing of site instructions    * Material testing and quality control    * Preparing revised designs, drawings and documentation    * Attending design coordination meetings with the Client and the Consultants    * Attending bimonthly progress meetings with the Client, Consultants and Contractor and preparing project status reports |
| September 2015- September 2018 | **Employing Organization**  Britech Consulting Engineers ltd  **Title/Position**  Graduate Civil/Structural Engineer  **Contact information for Referee**  Mr. Felix Wambua  Associate Director  Email address: felixwambua@yahoo.com | Kenya | Projects:   1. The proposed Alba Hotel in Lavington, Nairobi 2. The Proposed East African Breweries Limited UDV Spirit Line warehouses and Pipe Bridge in Ruaraka, Nairobi 3. The Proposed East African Breweries Limited HMS and Buffer Tank Foundations in Ruaraka, Nairobi 4. The Proposed East African Breweries Limited Gate B Entrance in Ruaraka, Nairobi    * Preparing preliminary Structural and Civil drawings, with AutoCAD software, and documentation    * Carrying out detailed Structural and Civil designs    * Preparing detailed Structural and Civil drawings, with AutoCAD software, and documentation    * Submitting and following up on County approvals    * Preparing bar bending schedules    * Site inspections and issuing of site instructions    * Material testing and quality control    * Preparing revised designs, drawings and documentation    * Attending design coordination meetings with Client and the Consultants    * Preparing monthly progress reports    * Attending bimonthly progress meetings with the Client, Consultants and Contractor   Projects:   1. The Proposed College of Insurance in South C, Nairobi 2. The Proposed Kenya Institute of Supplies Management (KISM) along Ngong Road, Nairobi 3. The Proposed Naomi Teenage Village Housing Project, Maai Mahiu 4. Esteel Construction Limited Batching plant, Nairobi 5. The Proposed Development for Egerton University RBS Project    * Designing Normal Concrete Mixes    * Supervising material testing, quality control and preparing results summaries for Trial Mixes   Projects:   1. The Safaricom GSM Rollout 2. Eaton Towers    * Carrying out Geotechnical Site Investigations, supervising material testing and preparing reports   Project:   1. The East African Breweries Limited KEG Offloading Suspended Hardstand, Packaging and Utilities slab and Enzyme Cold Stores/Utilities Structural Integrity Audit    * Supervising and coordinating Structural Integrity Surveys comprising of Ferro-scans, Schmidt Hammer, Resistivity and carbonation tests and preparing reports    * Carrying out Structural Reinforcement detailed designs and preparing As-built drawings with AutoCAD software. |
| February 2015- to August 2015 | **Employing Organization**  Britech Consulting Engineers ltd  **Title/Position**  Intern  **Contact information for Referee**  Mr. Felix Wambua  Associate Director  Email address: [felixwambua@yahoo.com](mailto:felixwambua@yahoo.com) | Kenya | 1. Project: The proposed Alba Hotel in Lavington, Nairobi    * Carrying out detailed Structural and Civil designs    * Preparing detailed Structural and Civil drawings, with AutoCAD software, and documentation    * Preparing bar bending schedules 2. Project: The Regina Pasic University    * Supervising and coordinating Structural Integrity Surveys comprising of Schmidt Hammer tests and Ferro-scans.    * Analyzing and preparing results summaries |
| January 2014- April 2014 | **Employing Organization**  Howard Humphreys East Africa Consulting Engineers  **Title/Position**  Student Engineer  **Contact information for Referee**  Mr. Gibson Ndirangu  Senior Engineer  Email address: [Gndirangu@howardhumphreys.co.ke](mailto:Gndirangu@howardhumphreys.co.ke) | Kenya | 1. Project: The proposed I&M Bank in Kigali, Rwanda    * Preparing preliminary Structural and Civil drawings, with AutoCAD software 2. Project: The proposed Britam Tower in Uperhill, Nairobi    * Site visits and inspections 3. Project: The proposed Garden City Mall in Ruaraka, Nairobi    * Site visits and inspections |
| January 2013 – April 2013 | **Employing Organization**  Mattan Contractors Limited  **Title/Position**  Student Engineer  **Contact information for Referee**  Mr. A. Nyaega Omari  Site Agent  Email address: [www.mattancontractors.co.ke](http://www.mattancontractors.co.ke) | Kenya | 1. Project: Rehabilitation and Upgrading of Upper Hill roads (phase 1)    * Assisting in survey works and setting out    * Assisting in the supervision of construction works and road patching works    * Assisting in material testing and quality control |
| January 2012 – March 2012 | **Training Organization**  Jomo Kenyatta university of Agriculture & Technology  **Title/Position**  Student Engineer  **Contact information for Referee**  The Chairperson Department of Civil, Construction and Environmental Engineering  Email address: [civil@eng.jkuat.ac.ke](mailto:civil@eng.jkuat.ac.ke) | Kenya | Internal attachment program at the following university facilities:   * + Structural workshop   + Masonry workshop   + Welding workshop   + Carpentry workshop   + Surveying workshop |