CURRICULUM VITAE

PETER NDIRANGU MATHENGE

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| Personal details | Date of Birth: 12/04/1989  Place of Birth: Laikipia County, Ol-moran Division  Nationality: Kenyan.  National I.D No:27743335  Gender: Male  Religion: Christian  Marital Status: Married  Languages: English, Kiswahili, Kikuyu. |
| Career Objective | * To participate in a challenging career with an organization that offers a genuine opportunity to progress * To acquire practical skills in Mechanical engineering and other professions * To participate in a teamwork environment hence contributing to growth of the organization |
| Education | **2011-2016 Jomo Kenyatta University of Agriculture and Technology (JKUAT),**  BSc. Mechanical Engineering (Second Class Honors –Upper Division)  **2006-2009 Ndururumo High School,**  Kenya Certificate of Secondary Education(KCSE) Grade: A- (Minus)  **2005 Kahuho Primary School**  Kenya Certificate of Primary Education (KCPE)*-*395/500. |
| Professional Bodies | * Graduate Member of the Engineers Board of Kenya-B12647. * Graduate Member of the Institute of Engineers of Kenya-G.9280 |
| Computer skills | * Proficient in using advanced CAD designing tools such as Autodesk Inventor and AutoCAD. * Proficient in computer packages such as Microsoft Word, Excel and publisher. |
| Professional experience | **April 2022-Date:** Kenya Bureau of Standards (KEBS)- Inspection Officer (PVoC)  Duties:   * Monitoring the Quality Inspection Services Inc. Japan(QISJ) to ensure compliance with the correct standards in verification of conformity for motor vehicles and mobile equipment. * Undertaking review of Mechanical Engineering Imports for Registration-Import Standardization Marks. * Monitoring of the Certificates of Roadworthiness(CORs) to ensure conformity with KS 1515:2019 * Evaluation of Waiver applications for motor vehicles before processing.   **August 2020-March 2022:** Graduate Internship with Engineers Board of Kenya (EBK) Seconded to Kenya Railways Corporation.  Duties:   * Take part in the day-to-day maintenance of the locomotives, generators, wagons and coaches. * Review and reconciliation of monthly locomotive fuels. * Review of designs and taking part in various Kenya Railways Projects implementation. * Taking part in the quarterly Audit and inspection of the SGR * Review of documentation for payment regarding Locomotive Periodic Maintenance.   **August 2017 To August 2020:** Freelance Technician.  For three years, I worked as a Freelance Technician offering a range of services including wiring and installation of Milk vending machines, water Vending machines, water purification machines including Reverse Osmosis and Ultra filtration machines, troubleshooting and repair of the vending and water purifying machines, and basic electric wiring for household appliances. My clients include; Saset Technical Services, Phyne Limited, Dermont Solutions and private clients.  I enjoyed the experience and learned a lot about budgeting and negotiation. I have also gained hands-on experience on electric circuits wiring, welding, plumbing, drainage, water machine diagnosis and material properties and selection.  **November 2016 To Jan 2017:** Attachment at Labh Singh Harnam Singh Ltd.  Duties;   * Design of trucks and Lorries body parts using AutoCAD and Inventor. * Assembly of the designed vehicles body parts. * Assessment of chases before commencement of body building.   **March 2015 -June 2015:** Attachment at The County Government of Laikipia.  Activities;   * Designed and piloted Transport Policy and Fleet Management System. * Repair and service maintenance of the county government vehicles.   **January 2014-March 2014**-External attachment at Farmers Choice ltd.  Duties;   * Vehicle service maintenance and repair.   **Jan 2013 –March2013**: Internal industrial attachment at J.K.U.A.T.  Areas covered**;**   * Eclectic Circuit Wiring. * Foundry- making moulds, patterns and sand casting. * Automotive maintenance. * Machining operations- lathe work, milling, making gears, and sheet metal work. * Plumbing- fluid connections, using different type of pipes, * Masonry- concrete mixing, building, making slabs, * Carpentry and joinery- using different wood machines |
| Achievements | * Trained First Aider with the St. Johns Ambulance. * Completed a Leadership Training with Uzima Centre * A merit certificate of the best student in the class of mechanical engineering. * Participation in national agricultural shows and exhibitions at Nyeri and Nairobi in 2013 and 2014. * Certificates of merit in various Mathematic contests. * A merit certificate for first position in District science congress. * Prayer secretary in Network evangelistic team (JKUAT). * School Captain Ndururumo High School * Chairperson Mathematics Club and Christian Union Ndururumo High School. * Chairperson Marmanet Ward Post-Secondary Student Association. * Organizing secretary Laikipia County College and University Student Association. |
| Hobbies | * Writing. * Playing football. * Participating in community activities. |
| Professional Referees | **1. Eng. Maureen Auka**  Rail Development Manager,  P.O Box 30121-00100,  Nairobi Kenya,  Contact: (+254 716200714)  Email: [mauka@krc.co.ke](mailto:mauka@krc.co.ke)  **2.Eng.Kyalo Ndeto**  Lecturer at JKUAT Department of Mechanical Engineering,  P.O Box 62000-00200,  Nairobi Kenya,  Contact: (+254 706 518 947)  Email: [mnkyalo@jkuat.ac.ke](mailto:mnkyalo@jkuat.ac.ke)  **3.Eng. Peter Macharia,**  Former Chief Officer Infrastructure,  County Government of Laikipia**,**  P. O. Box 1271- 10400,  Nanyuki  Contact (+254 720 277 400)  Email: [mapetto13@gmail.com](mailto:mapetto13@gmail.com) |