



David Njoroge Kiarie
Curriculum Vitae

CURRENT STATUS

I am the Managing Director and a shareholder at Dalcom Kenya Limited a Kenyan incorporated company that invented, patented, manufactures, distributes, and installs either directly or through using appointed and trained sub-agents Omata Speed Limiters. Our gadget is certified and approved by the government to enhance road safety and also helps to reduce motor vehicles operational costs by motor vehicles owners.

PERSONAL DETAILS

- ☞ Nickname : ***“Omata”***
- ☞ Surname : Kiarie
- ☞ First name : David Njoroge
- ☞ Nationality : Kenyan
- ☞ Date of birth : 1964
- ☞ Place of birth : Bulbul village, Ololua sub-location, Ngong area,
Kajiado County
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- ☞ Website : www.dalcomkenya.co.ke
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PERSONAL PROFILE SUMMARY

I am a Moi University trained Electrical and Electronics Engineer, with 24 years' post qualification experience and also the inventor and founder of Omata Speed Limiters, gadgets that when installed in any motor vehicle enhances safety and reduces overall running costs without tampering with its engines performance and power.

The gadgets are widely used in Kenya and parts of East and Central Africa.

As an inventor I have been responsible for the strategic development of niche products that are durable, mass market driven, and that are comparatively competitive in pricing under my holding Company, Dalcom Kenya Limited, a private limited liability company incorporated in Kenya. I am the President and Chief Executive Officer (CEO), since inception.

I have good knowledge transfer skills acquired from my Kenya Power and Lighting Company Limited working days and also working with diverse private who include individuals and institutions.

I also have good interpersonal skills in handlings various clients, stakeholders, business partners, and company employees. I am able to easily engage officials regardless of their cadres whether drawn from International Agencies, Multi-national Agencies, Non Governmental Organizations (NGOs), and Faith Based Organization's (FBO), Government and individual clients in all our gadget

related issues. I further have other abilities like to work and willingness to travel regularly, experience with participatory methods, consultative approaches to institutional and product development processes involving our software developers, component manufacturers and employees, experience to work either as a team player or independently depending on circumstances, ability to maintain confidentiality, ability to identify local conflict resolution mechanisms within various work environments ranging from our labs to our offices to our factories, inviting and supporting co-workers as mediators in conflict resolution, familiarity and experience in software designing environments, ability to design policies, ability to plan, facilitate induction and product development workshops and seminars, ability to conduct monitoring and evaluation exercises, ability to understand basic financial/accounting issues, ability to do and understand financial reporting formats, ability to be precise and accurate, ability to quickly learn and adapt to rural environments with high intercultural sensitivity, ability to withstand any form of pressure, ability to quickly learn and adapt to environments with high intercultural sensitivity, and ability to work for long or odd hours.

These are supported by sound academic, professional and business achievements.

Achievements outlined below are testimony to a track of innovative interventions to address identified gaps in both road safety enhancement and the need to reduce operational costs incurred by motor vehicles owners and operators.

EDUCATION BACKGROUND

<i>Education</i>	<i>Qualification</i>	<i>Institution</i>
1992	Degree in Electrical & Electronic Engineering	Moi University, Eldoret, Kenya
1987	Diploma in Electronics and Electrical Engineering	Kabete Technical Institute
1983	Kenya Advanced Certificate of Education	Mangu High School, Thika
1981	Kenya Certificate of Secondary Education	Joy Town, Thika

PROFESSIONAL EXPERIENCE

I have been serving as the President and Chief Executive Officer of Dalcom Kenya Limited, the Manufacturers and distributors and installers of Omata Speed Limiters, since inception.

My Duties & Responsibilities:

- I originate unique software development concepts and equally outline detailed designs for manufacturing, construction, and installation standards and specifications.

- I operate computer-assisted electronic design software and equipment to perform concept development, architectural and engineering tasks.
- I direct and coordinate installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications and codes.
- I inspect completed installations and observes operations to ensure conformance to design and equipment specifications and compliance with operational and safety standards.
- I prepare specifications for purchase of materials and equipment from diverse suppliers
- I prepare responses to RFPs and EOIs as advertised by potential clients
- I advise clients on technological developments concerning their needs

PREVIOUS WORK EXPERIENCE

I served as an Electronics and Electrical Engineer with Kenya Power and Lighting Company Limited for 16 years from March 1993 to January 2008;

Previous Duties & Responsibilities:

- I designed of electrical installations for Industrial, commercial and domestic use
- I prepared bills of quantities and costing
- I supervised electrical installations at domestic, commercial and industrial levels
- I liaised with consultants to effect proper implementation of designs
- I engaged sub-contractors on behalf of the company
- I purchased of electrical items and fittings

- I assembled, installed, tested, and maintained electrical wiring, equipment, appliances, apparatus, and fixtures, using hand tools and power tools
- I inspected electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair, and to ensure compliance with codes
- I advised management on whether continued operation of equipment could be hazardous
- I tested electrical systems and continuity of circuits in electrical wiring, equipment, and fixtures, using testing devices such as ohmmeters, voltmeters, multimeters to ensure compatibility and safety of system
- I managed all staff in the Electrical Section within the Company

RELEVANT ROLES

1. I am currently serving as the founding Chairman of the Kenya Association of Speed Governors and Limiters Installers, since the year 2013
2. I am serving as a Member of Advisory Committee of the National Safety Transport Authority of Kenya (NSTA)
3. I have been serving since 2015 to date as a Member of the Weekly/Monthly Kenya Economic Trends Panelist on the Talk Show hosted by K24 Television Station, Kenya.
4. I have been servings as a member of the Advisory Committee on Technology and Economic Development to the Kenya Government.

COMPUTING SKILLS & EXPOSURE

1. Programming Languages

OOP-Proficiencies in Python, C++, Java, C#, VB.Net, and in Perl

2. Web Programming

- ☞ Server side scripting-ASP & pASP
- ☞ Client side scripting JavaScript and VBScript

3. Databases

- ☞ Database knowledge in Oracle, MS SQL Server, & MySQL
- ☞ Design, modeling and simulation using MATLAB and FEMLAB

4. CISCO

- ☞ Trained and certified IT essentials I & II instructor's modules.

5. Assembly Languages

- ☞ Assembly Languages for the 80x86, Z80 and TMS 320 DSP, microprocessors, HP Microwave, Design System and 3D Studio Max

PATENTS SUCCESSFUL FILED

Lead Inventor of Omata Speed Limiter Model V2030GAR, which are certified Speed Limiter and Recorder approved by the Kenya Government.

- ☞ A speed limiter that does not reduce the motor vehicles engine power
- ☞ A speed limiter that reduces running costs
- ☞ A tamper proof gadget
- ☞ A speed limiter that meets legal requirements
- ☞ Low cost
- ☞ Easy policing option
- ☞ Selecting a diff ratio to limit top speed
- ☞ The drivers' concentrations is required on the road but not on instrumentation, thus a gadget that reduces general operational stress

NOTABLE CONTRIBUTIONS TO ROAD SAFETY IN KENYA

1. Member of the National Transport and Safety Authority, accidents investigation committee and also Speed Governors/Limiters Compliance Council, a body that ensures that all motor vehicles operators do not tamper with fitted with speed limiter gadgets as per the law established.
2. E-content development for the Kenya National Transport and Safety Authority website

OTHER TRAINING

1. *Huawei University EATC, Kenya (10th -12th Feb 2010)*

Optical Communication Equipment Course (OPTIX RTN 600)

2. *Kenya Bureau of Standards, Eldoret, Kenya (19th -21st May 2008)*

Quality Management Systems; Implementation of ISO 9001:2000

3. *National Youth Service College, Gilgil, Kenya (May - Aug, 1986)*

Training involved foot drill, camp craft, firefighting, personal fitness and lectures on national development and strategies

OTHER RESPONSIBILITIES

I am, an elected Chairman, Development Committee Bulbul P.C.E.A Church, Ngong area, Kajiado, Kenya.

OTHER PROFESSIONAL QUALIFICATIONS

I am a registered Electronics'/Electrical Engineer, with the Kenya Engineers Registration Board.

LANGUAGES (SPOKEN & WRITTEN)

- ☞ English- (Excellent)
- ☞ Swahili- (Excellent)
- ☞ Kikuyu-(Mother Tongue)
- ☞ Japanese-(Little)
- ☞ Chinese-(Little)

REFERENCES

I shall provide them on request