

Bwatuti Elisha Sammy

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SUMMARY

A hands-on dairy farmer and techie with strong moral values, and likes collaborating with like-minded individuals. Determined to get the best out of people in Agricultural and Technological ventures.

EDUCATION

Kenya Industrial Research and Development Institute (KIRDI), Nairobi Animal Feeds Formulation • Certified	2019 (June)
Singularity University–NASA Ames Research Center, Silicon Valley, California, USA Exponential Technologies • Certified	2017 (August)
Massachusetts Institute of Technology (MIT), Boston, USA New Ventures Leadership • Certified	2016 (August)
Strathmore Business School, Nairobi, Kenya Investing in Agribusiness • Certified	2015 (July)
Strathmore Enterprise Development Centre, Nairobi, Kenya Entrepreneurship Development Program • Certified	2015 (March)
FH Burgenland – University of Applied Sciences, Pinkafeld, Austria Biomimicry • Certified	2014 (March)
Strathmore University, Nairobi, Kenya Bachelor of Science in Informatics • Valedictorian of Year. First Class (77 Points)	2011-2014
Strathmore University, Nairobi, Kenya Diploma in Business with Information Technology • Distinction (78 Points)	2010-2011
Mang'u High, Thika, Kenya Kenya Certificate of Secondary Education • A- (77 Points)	2006-2009

SKILLS SUMMARY

Farm Management:	Dairy, Cereals, Fruits & Vegetables
Certifications:	Data Cube, Project Management, Artificial Intelligence, Cybersecurity, Computer Networking
Operating Systems:	Mac OS, Linux, Windows
Databases:	PhpMyAdmin, Oracle
Languages:	PHP, Python, SQL, HTML, CSS, JavaScript, JQuery

EXPERIENCE

Dairy Regulations Task-Force, Kenya	<u>Smallholder Farmer Representative</u> , 2019
A task-force that was appointed by the Permanent Secretary of the Ministry of Agriculture, Livestock, Fisheries & Irrigation to finalize on the development of the Dairy Regulations 2019. To ensure all stakeholders are incorporated in the process the following are the objectives:	
<ul style="list-style-type: none">Objectively review the draft Dairy Industry Regulations.Incorporate feedback from stakeholders.	

- Conduct country-wide stakeholder consultation and national validation for the Regulations.
- Produce final draft of the Regulations for presentation to the Cabinet Secretary.

Brilliant Dairy Farmers Association, Kenya

Executive Secretary, 2019

A Kenyan non-political farmers' group of 500+ dairy farmers from across different regions and backgrounds who have come together to openly learn, share and exchange their experiences and ideas to promote the dairy industry and animal welfare. Main objectives being to advocate and encourage farmers in producing milk that is safe and quality to the final consumer. Moreover, to collaborate with both the national and county agricultural departments, and private institutions to offer practical training sessions to dairy farmers on best practices through identified model farms.

Selected Contributions:

- Carried out successful social media, TV and paper press conferences in regards to the currently suspended draft Dairy Regulations.
- Spearheaded talks with Kenya Dairy Board on how they would incorporate more stakeholders in the next public participation.

ShambaIntel Africa Limited, Nairobi

Operations Manager & Co-Founder, 2017

A startup that is aimed at empowering farmers with environmental information with the possible risks and mitigation strategies for them to better practice crop husbandry and secure higher yields through soil testing.

Selected Contributions:

- Innovated a simple and inexpensive soil nutrition platform, that can be easily accessed and tests the soil and gives an appropriate recommendation within a span of few minutes.

Safe Chakula, Kajiado

Founder, 2016

A startup that is aimed at empowering ordinary consumers to know the level of quality and safety of their milk, fruits and vegetables that they purchase from grocery stores.

Selected Contributions:

- Carried out a pilot that got 100+ respondents to contribute to the betterment of the developed technology.

MPE Farms, Kajiado

Founder, 2014

A dairy farm in the heart of Kajiado that produces and sells milk to neighboring customers.

Selected Contributions:

- Implemented an out-growers program that supports several families by training them on best practices, buying milk from them and sourcing a market.

BizKati Limited, Narok

Operations Manager, 2014 to 2016

A for profit Company Limited by Liability established in 2014 meant to pool funds by investors; invest in profitable agribusiness ventures and finally split the profits.

Selected Contributions:

- Carried out 3 wheat seasons under an acreage of 150 acres in a tune of KES 4,500,000 worth of investment by 32 investors.
- Created employment for 50+ people at the farms during production who directly affected 300+ people in their homesteads.

TradeMark East Africa, Nairobi

Developer - Consultant, 2014 to 2016

A not-for profit Company Limited by Guarantee established in 2010 to support the growth of trade - both regional and international - in East Africa.

Selected Contributions:

- Developed and trained people in three main systems for Rwanda and one for Uganda in the following institutions: MINAGRI, RAB and NAEB and MAAIF respectively which allowed 1000x traders to easily access certificates for either import or export of agricultural products.

Entrepreneurship

Consultant, 2011 to Current

Carried several projects as an individual in the health and education industries.

Selected Contributions:

- Team lead in the development and rollout of the electronic medical records system of Mathari Hospital that saw patients spending less than a minute at the cashier – 2016.
- Development of an artificially intelligent Clinical Decision Support System that can be plugged in into any existing system; with the aim of assisting doctors to properly diagnose patients – 2014.
- Team lead in the development and rollout Mama Lucy Kibaki Hospital that saw the institution double their revenue collection among many other improvements – 2013.
- Participated in the system development of the Strathmore Clinic that serves 5000+ people - 2012.
- Assisted in the setup of the library system for Nelson Mandela Institute of Technology, Arusha that serves 3000+ students – 2011.

VOLUNTEER

German African Sustainability and Innovation Hackathon, Tangaza University

Trainer, 2019

Trained participants in the Agribusiness category on problem solving and innovation.

Selected Contributions:

- Got 3 agricultural innovations developed within a period of 2 days.
- The best overall innovation of testing for safety of foods across the four categories of Agribusiness, Health, Green Energy and Education categories that attracted both funding and incubation.

Chrysolyte Brooks School, Athi-River

Trainer, 2015

Give several motivational talks both in dairy, ICT and entrepreneurship to both students and parents whose children have just cleared secondary education, diploma or in fourth year of university.

Selected Contributions:

- Carried out 10+ sessions with a total of 1000+ audience.
- 5+ students have been motivated to take up entrepreneurship, 10+ parents have been personally motivated and 500+ students ended up doing a diploma or degree in information technology.

Strathmore University, Nairobi

Motivational Speaker, 2014 to Current

Give several motivational talks both in dairy, ICT and entrepreneurship to both students and parents whose children have just cleared secondary education, diploma or in fourth year of university.

Selected Contributions:

- Carried out 10+ sessions with a total of 1000+ audience.
- 5+ students have been motivated to take up entrepreneurship, 10+ parents have been personally motivated and 500+ students ended up doing a diploma or degree in information technology.

Coders4Africa, Nairobi

Trainer, 2012 to 2013

Carried out four boot camps, two held in Strathmore University, Egerton University and Jomo Kenyatta University-Voi, training students from first year to fourth year on programming with Python.

Selected Contributions:

- Got 100+ students who had no idea of programming in Python to come up with simple group projects within a span of 3 days of training.

Strathmore University, Nairobi

Trainer, 2013

Carried out one boot camp on mobile application development in Python.

Selected Contributions:

- 50+ students got to learn how to create a search engine with the Google Page™ ranking.

Mama Lucy Kibaki Hospital, Nairobi

Casual & Technician, 2012 to 2013

Carried out my university community based attachment.

Selected Contributions:

- Volunteered for 200 hours in several departments starting from theatre, pharmacy, records & admissions, stores all the way to finance.
- Collected the user requirements after fully understanding the whole system before setting up the ICT department later on.

International Christian Centre, Nairobi

Technician, 2010 to 2015

Served in the Media department dealing with projections, photos and video taking.

Selected Contributions:

- Facilitated overhead projections in 100+ sermons and 5+ concerts not to leave out the AFLEWO.
- Trained 10+ people on how to carry out projections.

REFEREES

Dr. Vincent Omwenga

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The Director of Research & Innovation and Lecturer at Strathmore University.

Mr. Clifton Opala

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The Manager of Agricultural Inputs Firms at Kenya Market Trust.

Pastor Gibson Anduvate

gibson@icc-kenya.org, +254 714 083 218

The Senior Youth Pastor at International Christian Centre at Nairobi West.