



# Calvin Kinyanjui

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[calvin.kinyanjui@strathmore.edu](mailto:calvin.kinyanjui@strathmore.edu) | **Website:** <https://calvinkinyanjui.netlify.app> | **LinkedIn:**

<https://www.linkedin.com/in/calvin-kinyanjui-95734222a/>

## ● ABOUT ME

Calvin Kinyanjui is a multidisciplinary builder working at the convergence of electrical engineering, circular energy systems, AI-powered digital products, and service leadership as well as strategic governance. He combines deep technical execution with product leadership, cross-functional cohesion and ecosystem collaboration.

## ● WORK EXPERIENCE

### CO-FOUNDER & CPO – AFTERLIFE INNOVATIONS – 05/2024 – Current – NAIROBI , KENYA

**Website:** <https://afterlifeinnovations.netlify.app> | **Link :** <https://www.linkedin.com/in/calvin-kinyanjui-95734222a/>

- Drive innovation in sustainable product offerings that support a circular economy.
- Define and manage the product roadmap for recycling technologies.

### CHAIR & CTO – INSTITUTE OF ENGINEERING AND TECHNOLOGY STRATHMORE CHAPTER – 01/2024 – 12/2024 – NAIROBI, KENYA

**Link :** <https://www.linkedin.com/in/calvin-kinyanjui-95734222a/>

- Key signatory/officiator to all official documents of the society. Key decision maker.
- Chairs Meetings.

### ITEAMS '23 MARKET RESEARCH LEAD – CENTRE FOR GLOBAL EQUALITY – 02/2023 – 04/2023 – NAIROBI, KENYA

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- Delved in conducting research on a project titled,"Ecovative Solution" which is an E-recycle bin aimed at aiding the sorting of waste material into three departments of plastic, metal and glass by use of capacitive and inductive sensors.

### SYSTEMS ENGINEER ATTACHE – ULTRA POWER SYSTEMS – 01/2024 – 03/2024 – NAIROBI, KENYA

**Website:** <https://www.ultrapowersystems.co.ke>

- Develop and implement system designs that meet technical and business requirements.
- Create system models, diagrams, and documentation.
- Ensure scalability, reliability, and cost-effectiveness of systems.

### SOFTWARE ENGINEER – EDE WELLNESS STUDIO – 05/2025 – Current – NAIROBI, KENYA

**Website:** <https://edewellnessnairobi.com> | **Link :** <https://www.linkedin.com/in/calvin-kinyanjui-95734222a/>

- Developing and managing the proprietary digital platform for EDE Wellness Studio, a strategically engineered web presence that enables individuals to seamlessly access and engage with a comprehensive suite of holistic wellness modalities.

### PROJECT ENGINEERING FELLOW. – UNESCO CHAIR ON CLIMATE CHANGE RESILIENCE AND SUSTAINABILITY. – 08/2025 – Current – NAIROBI, KENYA

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- Under the wing of UNESCO x ONEPlanET Living Labs Incubation.

- I am spearheading an initiative - Kukua Collective- for smart cooperatives that provide access to micro-loans to break the cycle of predatory lending, digital marketplaces to connect farmers directly with buyers, agro-training programs to enhance skills and knowledge, and smart irrigation systems to reduce dependence on erratic weather.

## EDUCATION AND TRAINING

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07/2021 – CURRENT Nairobi, Kenya

### BACHELOR OF SCIENCE IN ELECTRICAL & ELECTRONICS ENGINEERING STRATHMORE UNIVERSITY

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**Website** <https://strathmore.edu/>

01/2017 – 03/2021 Nairobi, Kenya

### KENYA CERTIFICATE OF SECONDARY EDUCATION STRATHMORE SCHOOL

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**Website** <https://www.strathmore.ac.ke/>

## LANGUAGE SKILLS

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Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>SWAHILI</b>	C1	C1	C1	C1	C1
<b>SPANISH</b>	A2	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## SKILLS

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PCB-Design | Programming: C++, Python, Arduino | 3D Modelling & Design | Embedded Systems | Communication | Marketing | Leadership | Microsoft Office | Report Writing

## PROJECTS

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05/2025 – CURRENT

### EDE Wellness Studio

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Developing and managing the proprietary digital platform for EDE Wellness Studio, a strategically engineered web presence that enables individuals to seamlessly access and engage with a comprehensive suite of holistic wellness modalities.

**Link** <https://edewellnessnairobi.com>

05/2024 – CURRENT

### AFTERLIFE INNOVATIONS

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At Afterlife Innovations, we believe every battery—whether it's powering an electric vehicle, your smartphone, home solar setup or even a vintage gadget—deserves a second life. Through our nationwide network of collection, repurposing and recycling, we turn both new and spent batteries into ready-to-use energy solutions and recover their valuable materials. No battery is left behind: we keep power flowing, cut down on e-waste and protect communities by making sure every cell is reused or responsibly recycled. By breathing new life into yesterday's batteries, we're building a cleaner planet and fueling a truly circular economy.

**Link** <https://afterlifeinnovations.netlify.app>

## HONOURS AND AWARDS

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12/2025

### RECOGNITION OF OUTSTANDING LEADERSHIP & DEDICATION AS A CLASS REPRESENTATIVE AWARD (2024) – Strathmore University

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● Acknowledged with the distinguished 2024 Award for Outstanding Leadership, a testament to my impactful and dedicated service as Class Representative

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07/2025

## **1ST RUNNERS UP AT THE UNESCO & ONEPLANET JOINT WEF (WATER-ENERGY-FOOD) HACKATHON IN CONJUNCTION WITH LIVING LABS. – ONEPLAnET**

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Placed 2nd in the UNESCO x ONEPLANET hackathon, dubbed "WEF Nexus Hackathon" for the innovative solution (Kukua Collective) for smart cooperatives that provide access to micro-loans to break the cycle of predatory lending, digital marketplaces to connect farmers directly with buyers, agro-training programs to enhance skills and knowledge, and smart irrigation systems to reduce dependence on erratic weather

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07/2024

## **RECOGNITION OF OUTSTANDING LEADERSHIP AND DEDICATION AS A CLASS REPRESENTATIVE AWARD (2021 - 2023). – STRATHMORE UNIVERSITY**

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Awarded for having served a 3 year tenure as Class Representative of my class.

**Link** <https://drive.google.com/file/d/1XwUE75JbAbnKZbjL-hxMXq1PqprlG92/view?usp=sharing>

09/2024

## **VICTORS AT THE NATIONALS OF THE ENACTUS KENYA & SCHNEIDER ELECTRIC BATTERY INNOVATION CHALLENGE 2024. – ENACTUS KENYA X SCHNEIDER ELECTRIC**

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Emerged victors at the inaugural Enactus Kenya & Schneider Electric Battery Innovation Challenge nationals in 13th September of 2024.

**Link** <https://www.linkedin.com/in/calvin-kinyanui-95734222a/>

07/2024

## **VICTORS AT THE REGIONALS OF THE ENACTUS KENYA & SCHNEIDER ELECTRIC BATTERY INNOVATION CHALLENGE 2024. – ENACTUS KENYA X SCHNEIDER ELECTRIC**

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Emerged victors at the Enactus Kenya X Schneider Electric regional competition as part of the battery innovation challenge.

**Link** <https://www.linkedin.com/in/calvin-kinyanui-95734222a/details/honors/>

12/2023

## **1ST RUNNERS UP AT THE HIGHER EDUCATION PARTNERSHIPS IN SUB-SAHARAN AFRICA (HEP-SSA) INNOVATION CHALLENGE 2023 DRIVEN BY THE ROYAL ACADEMY OF ENGINEERING. – ROYAL ACADEMY OF ENGINEERING**

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Awarded for emerging 1st runners up in the Higher Education Partnerships in Sub-Saharan Africa (HEP-SSA) Innovation Challenge 2023 driven by the Royal Academy of Engineering on 23rd November 2023.

**Link** <https://drive.google.com/drive/u/1/folders/1O6sbneUsvMT50buzCiNZRDmlqtG6YDy>

08/2025

## **1ST RUNNERS UP AT STRATHMORE UNIVERSITY'S 4TH EDITION OF THE IDEAS FESTIVAL 2025. – STRATHMORE UNIVERSITY**

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Competing under the theme "Bridging Disciplines: Where Ideas and Impact Meet," our innovative solution earned second place overall, showcasing our commitment to sustainable solutions and impactful technology in the energy sector.

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05/2025

## **DISTINGUISHED DESIGN AWARD AT THE POWER THE COMMUNITY INTERNATIONAL COLLEGE DESIGN COMPETITION. – ENERGY MENTORS**

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Scooped the accolade for "Distinguished Design Award" at the Power The Community Award Show on 31st of May 2025 for the solution of "electricity as a service" (EaaS) integrating grid-tied (solar) & off-grid solutions (battery swapping).

**Link** <https://www.linkedin.com/in/calvin-kinyanui-95734222a>

05/2025

## **IEEE ENTREPRENEURSHIP SUMMIT AWARD AT THE IEEE AFRICA ENTREPRENEURSHIP SUMMIT 2025. – IEEE**

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One of 10 startups selected to pitch at the IEEE Entrepreneurship summit.

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03/2025

## **SEMI-FINALISTS AT THE FOR SUSTAINABLE DEVELOPMENT IN SUPPORT OF UNESCO WORLD ENGINEERING DAY HACKATHON 2025. – UNESCO**

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Awarded for reaching the semi-finals of the competition.

**Link** <https://www.linkedin.com/in/calvin-kinyanui-95734222a>

11/2024

## **VICTORS AT KENYA STUDENT YOUNG PROFESSIONALS (KSYP) IEEE SMART CITY CONFERENCE 2024. – IEEE**

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Emerged victors at the Kenya Student and Young Professionals smart living conference.

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04/2023

## **2ND RUNNERS UP AT THE STRATHMORE UNIVERSITY, THE UNIVERSITY OF CAMBRIDGE & THE CENTRE FOR GLOBAL EQUALITY DEVELOPMENT i-TEAMS PROGRAMME 2023. – STRATHMORE ENERGY RESEARCH CENTRE**

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Awarded for emerging 2nd runners up in the research project staged in Strathmore University in 2023 for "Ecovative Solution".

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10/2025

## **QS REIMAGINE EDUCATION AWARDS AND CONFERENCE. – QS Quacquarelli Symonds**

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AfterLife EduPack is a program that addresses the issue of educational inequity and e-waste in marginalized communities. The program converts end-of-life lithium-ion batteries into educational tools and off-grid energy solutions. Portable Power Labs (mini-UPS/solar generators) are provided by the program to schools for stable electricity along with Hands, On STEM Kits. By using a Battery Grader, students get involved in the process by testing discarded cells and building power banks, thus they are practically learning energy storage and circuit building. The program features the training of local teachers and an open-source, AI-assisted learning platform aligned with STEM standards. This helps in raising technical literacy levels, e-waste reduction, carbon emissions decrease, and the implementation of SDGs 4 (Education), 7 (Energy), and 12 (Consumption).

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12/2022

## **1ST RUNNERS UP AT THE STRATHMORE UNIVERSITY'S INAUGURAL EDITION OF THE IDEAS FESTIVAL 2022. – STRATHMORE UNIVERSITY**

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Awarded for emerging 1st runners up in the inaugural ideas fest that was staged in Strathmore University in 2022 for presenting a project proposal titled, "Smart Stima" with my team members on 9th December 2022.

**Link** <https://www.linkedin.com/in/calvin-kinyanui-95734222a>

07/2023

## **SEMI-FINALISTS AT THE IEEE YOUTH ENDEAVORS FOR SOCIAL INNOVATION USING SUSTAINABLE TECHNOLOGY 12TH EDITION (YESIST12). – IEEE**

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Placed as the semi-finalists of the IEEE YESIST12 2023 edition.

**Link** <https://www.linkedin.com/in/calvin-kinyanjui-95734222a>

08/2022

## **DEAN'S LIST ACADEMIC AWARD – STRATHMORE UNIVERSITY**

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Award for outstanding academic excellence in my 1st year of university.

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## **HOBBIES AND INTERESTS**

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### **Major**

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Watching & playing football.

Karting.

Watching F1.

Watching wildlife documentaries.

## **VOLUNTEERING**

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03/2019 – 04/2019 Nairobi

### **STUDENT VOLUNTEER AT APDK**

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- Provide real-time scheduling support by booking appointments, scheduling meetings and preventing conflicts.

**Link** <https://apdk.org/>

01/2023 – 03/2023 Nairobi

### **STUDENT VOLUNTEER AT CMIA**

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- Rendered my services to the school primarily in the kitchen department.

**Link** <https://christianministriesinafrica.org/>

06/2023 – CURRENT Nairobi

### **VOLUNTEER JUDGE AT YEK (YOUNG ENGINEERS KENYA).**

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- Evaluate student projects or presentations using established criteria such as creativity, comprehension of STEM concepts, and climate action relevance.
- Motivate and give hints to those involved, guiding them to keep their fascination with STEM and ecological solutions alive.

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10/2023 – 12/2023

### **STUDENT VOLUNTEER FOR LATITUDE59**

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- Assist with checking in attendees, distributing badges, and ensuring a smooth registration process.
- Aid in preparing the event space, which includes arranging seating, setting up stages, and ensuring that all technical equipment is ready for use.
- Oversee various areas, ensuring that everything runs smoothly, and providing support to speakers and attendees as needed.

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## **LICENSES & CERTIFICATIONS**

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06/2022

### **ARDUINO TRAINING**

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**Link** <https://drive.google.com/file/d/1JihJdDCVvWIT754JGWwhTKq0x51SzheB/view>

07/2023

## PROJECT DEVELOPMENT

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**Link** <https://drive.google.com/file/d/1kCDPnIY8jbC4EnVAh2k55mgD5bXChzXX/view>

05/2023

## iTEAMS DEVELOPMENT TRAINING

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**Link** [https://drive.google.com/file/d/1\\_d4SR3n3mIWaavqimF5Es0muVTgdD1oa/view](https://drive.google.com/file/d/1_d4SR3n3mIWaavqimF5Es0muVTgdD1oa/view)

12/2023

## HIGHER EDUCATION PARTNERSHIPS IN SUB-SAHARAN AFRICA

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**Link** <https://drive.google.com/drive/u/1/folders/1O6sbneUsvMT50buzCiNZRDmlqtG6YDyJ>

07/2024

## LEADERSHIP

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**Link** <https://drive.google.com/file/d/1XwUE75JbAbnKZbuL-hxMXq1PqprlG92/view>

03/2025

## WED '25

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**Link** <https://credsverse.com/credentials/0284c381-2d70-40f0-a633-0de7aa816376>

2025

## POWER THE COMMUNITY '25

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**Link** <https://drive.google.com/file/d/1-UP6TDLO0SN7R3N3MPp4bdWWvWA5xC47/view?usp=sharing>

12/2022

## INAUGURAL IDEAS FESTIVAL '22

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**Link** [https://drive.google.com/file/d/1T\\_04YKML2ZbrTr7u1l3VtfHDVjOcq1iT/view?usp=sharing](https://drive.google.com/file/d/1T_04YKML2ZbrTr7u1l3VtfHDVjOcq1iT/view?usp=sharing)

## REFERENCES

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### JULIUS BUTIME

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Organization: Strathmore University.  
Email: jbutime@strathmore.edu  
Phone: 0715721798

### REGINA IDEWA

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Organization: Strathmore University.  
Email: rkidewa@strathmore.edu  
Phone: 0727146310