

LEROY MWASARU

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Product and engineering leader building high-leverage products at the intersection of energy, education, and scalable infrastructure.

AWARDS AND RECOGNITION

- [Forbes Africa 30 under 30](#) | *Annual list recognizing entrepreneurs under the age of 30.*
- [CNN Tomorrow's Hero](#) | *'Profiling young innovators transforming the world for a brighter future.'*
- [TEDx Talk](#) | *Sharing insights from mobilizing local communities in education and energy.*
- [Resolution Fellowship](#) | *'For outstanding lifelong commitment to sustainable impact, innovation, collaboration & social Responsibility.'*

EXPERIENCE

SYNTHESIS SCHOOL

Los Angeles, California

Product Lead and Full Stack Software Engineer

Sep 2023 – Aug 2025

Led cross-functional initiatives to build and ship student-focused products from ideation, launch and then iteration

- Designed and launched a redesigned student portal UI to reduce onboarding friction by 40%; adoption increased among new users.
- Introduced a community feature that grew to >60% weekly active usage; drove product stickiness.
- Scaled AI-powered parent-facing progress reports from concept to weekly delivery, improving perceived learning outcomes.
- Collaborated with ops, engineering, and design to build slack-based automation for coach support — cutting manual hours by ~25/wk.
- Led product compliance and UX work for iPad rollout, supporting >1,000 student sessions with no critical issues.

Product Operations Support Specialist

Aug 2022 – Sept 2023

Supported product development by automating operations, surfacing user insights, and ensuring high-quality support experiences.

- Automated 70% of repetitive workflows, reducing average support response time and boosting customer satisfaction.
- Maintained sub-1% churn rate across 5 cohorts by closely monitoring feedback loops and implementing retention tools.
- Initiated and maintained clear and consistent email communications with over 150 parents, improving user satisfaction.
- Partnered with engineering to triage and resolve bugs, reducing average time-to-fix by 24%.
- Shipped internal tooling used by 110+ students to improve feedback capture and reduce post-session drop-off.

UNITED STATES INTERNATIONAL UNIVERSITY-AFRICA (USIU)

Nairobi, Kenya

Part-time Lecturer; Systems Thinking (Annual summer course)

May 2022 - Current

- Architected a selective 3-month systems thinking course (5.2% acceptance) at USIU-Africa.
- Collaborated with 5 departments across Google, Safaricom – Kenya's largest telco network over 2 years, and 5 local tech startups.

GREENPACT

Nairobi, Kenya

Co-founder and Executive Director

Nov 2015 – March 2022

Founded and scaled an award-winning renewable energy startup from idea to international recognition.

- Increased sales from \$0 to \$120k in 2 years & led the company's engineering team with a 20% YoY in sales.
- Spearheaded my team of 5 to a Social Return (\$) on Investment (SROI) of 1:13—SROI audited by PwC. Our (organic) media features appear on [CNN](#), Forbes, Grist and other international and local media. [Product Video](#)
- Led product strategy and user research for Greenpact's flagship biogas system, adapting features to local contexts and driving international recognition.

EDUCATION

DREXEL UNIVERSITY

Philadelphia, PA

B.S Psychology; Economics and Data Science (4.0 GPA)

Aug 2021 - June 2023

Dean's List