

LUCAS E . MANYOTA I

Professional Portfolio



2025

Professional Summary



A highly motivated and detail-oriented professional with a Bachelor of Science in Computer Science and a Bachelor of Education in Science, complemented by strong technical skills in Programming, Cybersecurity, Networking and Educational expertise. Proven ability to integrate technology and teaching methodologies to enhance learning experiences and drive academic success. Eager to apply my skills in a challenging environment and committed to continuous professional development in the fields of IT and education.

Education summary

**Bachelor of Science in Computer
Science (BScCS)**

01

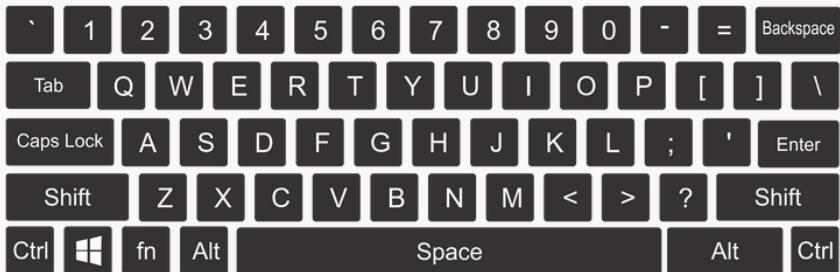
**Bachelor of Education in
Science(BEDS)**



02



Technical Skills & Expertise



Computer Network Engineering

1. Network Design & Implementation

- Planning, designing, and setting up LAN, WAN, VLANs, and WLAN networks.
- Configuring routers, switches, firewalls, and other network devices.
- Implementing scalable and secure network architectures for businesses.

2. Network Security & Risk Management

- Securing networks with firewalls, IDS/IPS, VPNs, and encryption.
- Conducting risk assessments and vulnerability testing to identify and fix security threats.
- Implementing Zero Trust Architecture and best cybersecurity practices to protect data and systems.

3. Troubleshooting & Network Performance Optimization

- Diagnosing and resolving network issues quickly to minimize downtime.
- Monitoring network traffic and performance.
- Optimizing bandwidth, latency, and overall network efficiency and reliability.

4. Cloud & Virtualization Technologies

- Working with cloud networking in AWS, Azure, or Google Cloud.
- Implementing virtualization technologies like VMware and Hyper-V for cost-effective networking solutions.

Cybersecurity Engineering

1. Network Security & Architecture

- Designing and implementing secure network infrastructures using firewalls, VPNs, IDS/IPS (Intrusion Detection/Prevention Systems), and segmentation.
- Configuring secure communication protocols (IPSec, SSL/TLS) to protect data in transit.
- Implementing Zero Trust Architecture to ensure continuous verification of network users and devices.

2. Threat Detection & Incident Response

- Utilizing SIEM (Security Information and Event Management) tools to monitor and analyze security events.
- Conducting real-time threat analysis and responding to security incidents.
- Developing and testing incident response plans to reduce the impact of security breaches and ensure quick recovery.

3. Vulnerability Management & Penetration Testing

- Conducting vulnerability assessments and penetration tests (ethical hacking) to identify weaknesses in systems.
- Collaborating with teams to patch vulnerabilities, apply security updates, and improve overall system resilience.

4. Security Automation & DevSecOps

- Integrating security into the DevOps lifecycle to automate security tasks, such as code scanning, continuous testing, and infrastructure-as-code security.
- Implementing Security Automation tools for more efficient security management.
- Ensuring that secure coding practices are followed by developers to prevent vulnerabilities from being introduced into production.

Computer Repair Technician

1. Hardware Diagnosis & Repair.

- Troubleshooting and diagnosing issues with computer components.
- Replacing faulty parts and upgrading components.

2. Software Installation & Troubleshooting.

- Installing, configuring, and troubleshooting operating systems (Windows, macOS, Linux) and essential software applications.
- Diagnosing software conflicts, fixing system errors, and performing system restores.
- Updating and upgrading software to improve system performance and security.

3. Customer Service & Technical Support.

- Communicating with clients to understand the issue and explain repair procedures in simple terms.
- Providing remote or on-site technical support for troubleshooting, installation, and upgrades.

4. Data Recovery, Backup Solutions & Preventive Maintenance

- Recovering lost or corrupted data from damaged or malfunctioning hard drives, SSDs, and other storage devices.
- Implementing and advising customers on backup solutions to prevent data loss in the future (e.g., cloud backups, external drives).
- Using data recovery tools to retrieve files from failing storage devices.
- Offering preventative maintenance advice to clients to avoid future issues, such as regular software updates and hardware checks.

IT Trainer or IT Instructor

1. Conducting Hands-On Training Sessions

- Leading interactive classes: Deliver live training sessions, workshops, or webinars where students can practice skills in real time.
- Demonstrating technical tasks: Provide step-by-step demonstrations of key processes to give students hands-on experience.
- Facilitating group activities: Use group exercises or case studies to foster collaboration and reinforce learning through practical, real-world scenarios.

2. Providing Technical Support & Troubleshooting Guidance

- Assisting with issues: Provide troubleshooting help during training sessions, guiding students through technical problems related to networking, repairs, or software.
- Answering questions: Be available to answer student questions, clarify concepts, and ensure understanding, whether in person, via email, or during office hours.
- Offering career advice: In some cases, provide career-oriented guidance, including how to pursue certifications or develop specific technical skills related to networking, IT support, and Cybersecurity.

3. Staying Current with Industry Trends & Technology

- Continuous learning: Stay updated with the latest developments in technology, including new software tools, networking technologies, and cybersecurity threats.
- Integrating new tools: Incorporate emerging technologies or new industry best practices into training sessions, ensuring that students are learning relevant and up-to-date information.
- Attending conferences/webinars: Participate in tech conferences, webinars, or workshops to keep skills sharp and bring fresh perspectives back to the classroom.

Soft Skills

1. Communication Skills

- Clarity in teaching.
- Active listening.
- Presentation skills.

2. Problem-Solving and Critical Thinking

- Troubleshooting skills.
- Analytical thinking.

3. Leadership & Mentoring

- Guiding students.
- Mentoring.

4. Collaboration & Teamwork

- Collaborative spirit.
- Team-oriented mindset.

Opportunities

- Long Term Investment
- Product Insurance Costs are Raising
- High Level of Third Party Turnover Due
- To Price Competition
- Public Policies and Procedures

Threats

- High Level of Employee Turn Over
- New Competitors From Other Country
- Impact of Climate Change
- Covid-19 Pandemics Situation

4P's Marketing Table

PROMOTION

- Online Marketing
- Influencer
- Direct Marketing
- Advertising
- Endorsing

PLACE

- Market Coverage
- Market Exposure
- Channels
- Inventory
- Supply Chain

PRODUCT

- Quality
- Features
- Branding
- Equity
- Warranties

PRICE

- Discounts
- Allowance
- Payments Term



Product Overview

A Brief Story About The Product

Provide an explanation of the general profile of the services we have. Arrange information about our products services in a systematic and fact-based manner. Also express our pride in the service thatwe have done well.

Internet of Things Tools

Describe one by one the products we have in detail and effectively. The more products / services we have, it can show the level of our exploration towards solving community and market problems.

Artificial Intelligence

Describe one by one the products we have in detail and effectively. The more products / services we have, it can show the level of our exploration towards solving community and market problems.



Product Portfolio

A Brief Story About The Portfolio

Provide an explanation of the general profile of the products we have. Arrange information about our products/services in a systematic and fact-based manner. Also express our success stories and also the pride in the products/service that done.



Product Development Timeline



2022	2023	2024	2025
Research and Planning	Promotion and Activation	Monitoring and Evaluation	Developing New Product
Describe the products development timeline phase by phase in detail and effective.	Describe the products development timeline phase by phase in detail and effective.	Describe the products development timeline phase by phase in detail and effective.	Describe the products development timeline phase by phase in detail and effective.

Market Size



Market size is the total amount of all sales and customers that can be seen directly by stakeholders. This technique is usually calculated at the end of the year, the market size can be used by companies to determine the potential of their market and business in the future.

TAM

\$ 1.6 Billion

Total Available Market

SAM

\$ 126 Million

Serviceable Available Market

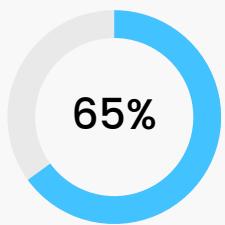
SOM

\$ 181 Million

Serviceable Obtainable Market



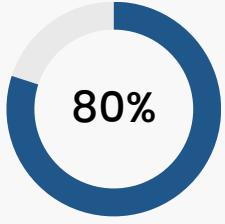
Market Targeting

A blue and white circular progress bar indicating 65% completion.

65%

Oil & Mining Company

Market targeting is the total amount of all market availability that is usually calculated when we start the company. Market size can be used by companies to tell about potential of their market and business in the future.

A dark blue and white circular progress bar indicating 80% completion.

80%

Construction Company

Market targeting is the total amount of all market availability that is usually calculated when we start the company. Market size can be used by companies to tell about potential of their market and business in the future.



Market Validation



A Brief Story About Market Validation

It's a market testing stage to ensure that the products produced by the company can be accepted and effectively used by the broad market. For start-up companies, we can use data already achieved by similar products from other companies.

Really Great Site

2.650K

Total Users

Really Great Site

1.010K

Total Users

Really Great Site

1.850K

Total Users

Company Traction

Traction is a period where the company is feeling momentum during its development period. If traction momentum is not harnessed, sales figures can decline and the customer base can shrink. In general, companies will judge success by the amount of revenue and new customers they receive.

Artificial Intelligence
+75%

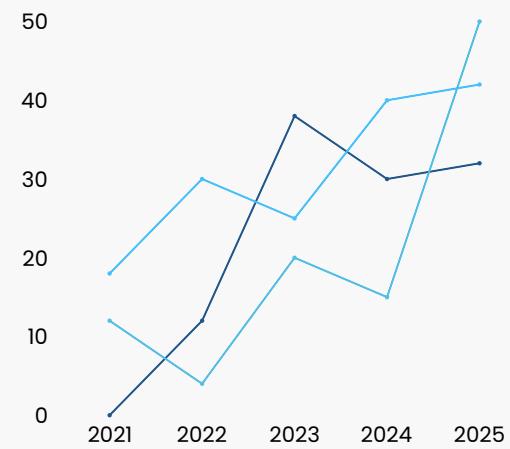
We can explain in detail the momentum of the company and the basic facts that are taken to show that our company is in a traction phase.

Internet of Things
+63%

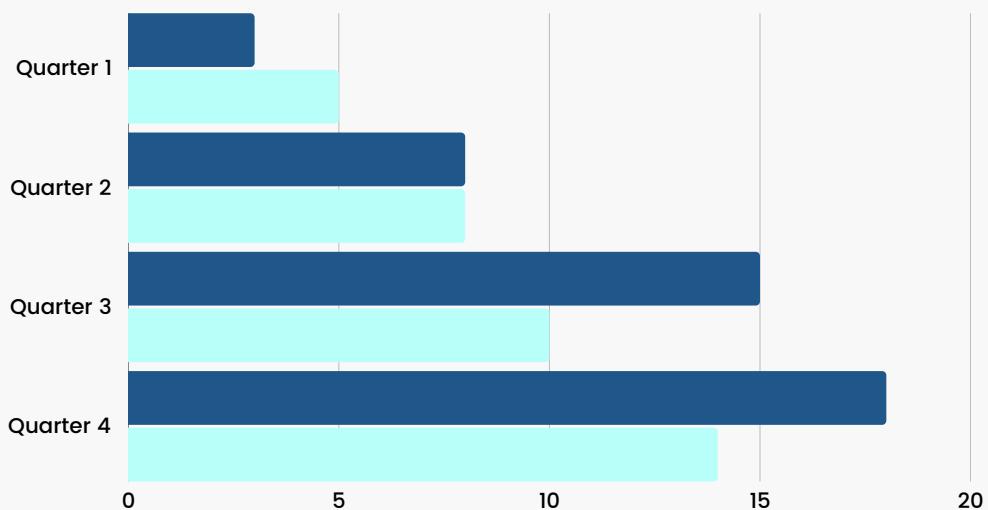
We can explain in detail the momentum of the company and the basic facts that are taken to show that our company is in a traction phase.

Others Product
+32%

We can explain in detail the momentum of the company and the basic facts that are taken to show that our company is in a traction phase.



Product Performance



Revenue Development
3,46 M/Quarter



Engagement Development
87% – 91%/Quarter

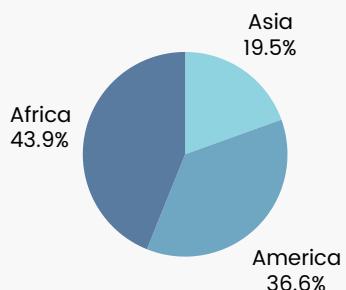


Exposure Development
92% – 96%/Quarter

Performance Overview

⌚ The Internet of Things Product Overview

Provide an statistics explanation of the general profile of the products we have. Arrange information about our products in a systematic and fact-based manner. Also express our success stories and also the pride in the product that done lately.



👤 Customer Satisfaction
94,43%

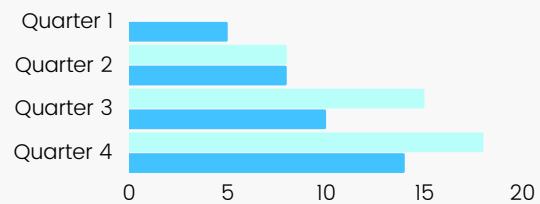
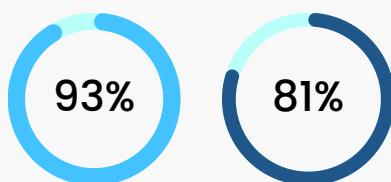
💵 Gross Profit Projection
\$ 192.1 M



Performance Overview

Artificial Intelligence Product Overview

Provide an statistics explanation of the general profile of the products we have. Arrange information about our products in a systematic and fact-based manner. Also express our success stories and product that done lately.



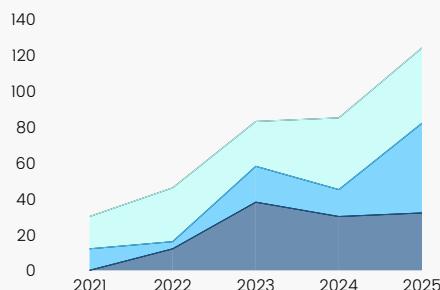
Customer Satisfaction
96,17%



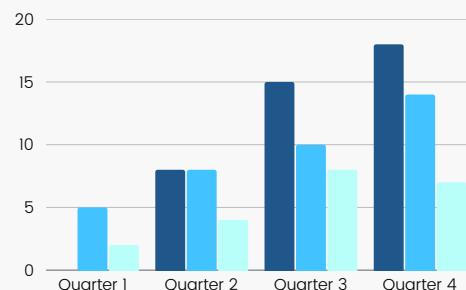
Gross Profit Projection
\$98,7 Million

Performance Dashboard

Products Developing by Year:



Sales Developing by Quarter:

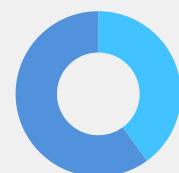


Value Average:

\$ 1.6 Billion

4 : 6

IOT Tools Vs AI Tools
Used Ratio



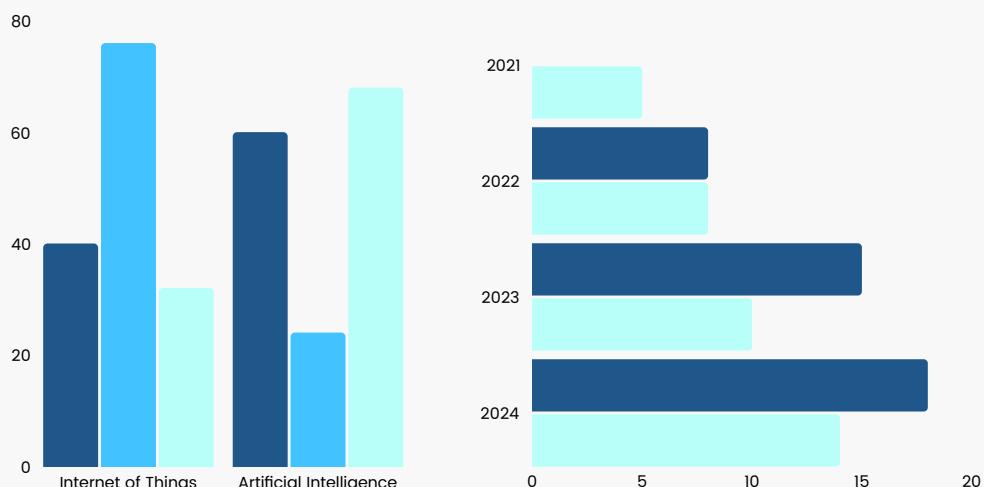
Customer Loyalty Percentage Level

96%

Branding Exposure Effectivity Level

92%

Business Model



Describe how to monetize, who your customers are, distribution channels or fee structure. The goal is to get an idea of how this business will survive your product or service and tell how your company will make money and achieve its goals.

Yearly Developing

67% - 82%

The Ratio

1:4 - 1:3

Competitive Advantage

Niche

We may offer products or services that are more unique or new to the market than our competitors.

Easy

Relationships are a gift because they greatly influence the exposure of our products and services.

Agile

Offers a market advantage that is more focused according to market needs than a more general market.

Compact

We may offer products or services that are more unique or new to the market than our competitors.

Function

Relationships are a gift because they greatly influence the exposure of our products and services.

Trend

Offers a market advantage that is more focused according to market needs than a more general market.



Our Super Team



Aaron Loeb

Chief Executive Officer
& Founder



Olivia Wilson

Chief Marketing
Officer



Chidi Eze

Chief Operating
Officer

Thank You

Because, we're here to help

Write down your hopes for the future of your company.
Don't forget to thank the company for the opportunity and
convince related parties to support your company.



Address

123 Anywhere St., Any City, ST 12345



Telephone

+255787332574



Website

www.computerdoctortz.co.tz