

## LAURENT MWITA MAHEMBA

Temeke, Dar es Salaam, Tanzania | Vadodara, Gujarat, India  
+255 673333140 / +255 621333140/ +91 8866387615 | [mahembalaurent@gmail.com](mailto:mahembalaurent@gmail.com)  
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

### PROFESSIONAL SUMMARY

---

Results-driven IT professional and MSc candidate in Cybersecurity & Digital Forensics with a strong foundation in ERP implementation, full-stack development, and network security. Experienced in deploying Odoo ERP solutions, leading technical communities, and building secure web applications. Proven leader — serving as President of the Tanzania Students Association at Parul University and former GDSC Club Lead. Passionate about applying cybersecurity principles and emerging technologies to solve real-world problems.

### EDUCATION

---

**MSc. Information Technology — Cybersecurity & Digital Forensics** *Sep 2025 – Present*  
**Parul University** Vadodara, Gujarat, India

Specialization: Cybersecurity & Digital Forensics | Status: Currently Enrolled

**BSc. Information Technology Application & Management** *2021 – 2024*

**The State University of Zanzibar (SUZA)** Zanzibar, Tanzania

Classification: Upper Second Class (With Honors) | Overall GPA: 4.0 / 5.0

Key Coursework: Computer Forensics & Cybersecurity, Network & Systems Administration, Database Applications, Software Development, IT Project Management, Data Mining & Business Intelligence

### PROFESSIONAL EXPERIENCE

---

**Functional Specialist — ERP (Odoo)** *Mar 2025 – Jun 2025*

**Kola Technologies** Dar es Salaam, Tanzania

- Implemented and supported Odoo ERP solutions for multiple clients across industries including retail, services, and manufacturing.
- Configured core modules: Sales, Point of Sale, Purchase, Inventory, Accounting, Employees, Expenses, and Time Off.
- Conducted user training sessions and live demos, ensuring smooth system onboarding and adoption.
- Gathered and translated business requirements into functional ERP system configurations.
- Provided post-implementation support, troubleshooting, and system optimization.
- Collaborated with technical teams to align business processes with system capabilities.

**IT & Social Media Manager** *Aug 2024 – Jan 2025*

**Merit Engineering Company** Remote & Part-Time

- Managed company online presence, increasing digital engagement through targeted content strategies.
- Created marketing content for social platforms, boosting brand visibility and audience reach.
- Oversaw IT support operations, ensuring reliability and efficiency of digital tools.
- Coordinated email marketing campaigns, driving client engagement and lead generation.

**ALX Africa Scholar — AI Career Essentials** *Mar 2024 – May 2024*

**Holberton Institute / ALX Africa** Remote

- Completed an 8-week programme in AI Augmented Professional Development sponsored by the Mastercard Foundation.
- Conducted research on emerging AI technologies and organized community outreach to promote AI literacy.
- Developed project management skills and networked with industry professionals across Africa.

## LEADERSHIP & COMMUNITY

---

### **President — Tanzania Students at Parul University (TANSPU) 2025 – Present**

**Parul University** Vadodara, India

- Represent Tanzanian students at institutional and international levels, advocating for their academic and welfare needs.
- Coordinate academic, cultural, and community initiatives supporting student integration and success.
- Serve as the primary liaison between students and university administration, ensuring clear communication.
- Lead strategic planning, student advocacy, and cross-cultural engagement activities.

### **Club Lead — Google Developer Students Club (GDSC) Oct 2023 – Oct 2024**

**The State University of Zanzibar**

- Promoted tech literacy through programming workshops, study jams, and hackathons.
- Collaborated directly with Google to plan and execute campus developer initiatives.
- Organized hackathons with 50+ participants, fostering a culture of innovation and teamwork.

### **Chief Secretary Jul 2023 – Jul 2024**

**SUZA Students' Organization** The State University of Zanzibar

- Worked closely with executive leadership to implement organizational policies and decisions.
- Facilitated communication across executive committee members and maintained accurate institutional records.

## PROJECTS

---

### **Alumni Management System** *Final Year Project*

Full-stack web application built with Python (Django), React, and SQLite to manage alumni records, authentication, and institutional communication for university stakeholders.

### **File Secure System** *Ongoing*

Security-focused project implementing secure file storage, user authentication, and access control mechanisms — applying core cybersecurity principles from MSc studies.

### **Personal Portfolio Website** *Ongoing*

Built and deployed a personal portfolio at [mahembajr.github.io](https://mahembajr.github.io) using HTML, CSS, and JavaScript.

## PRACTICAL FIELD TRAINING

---

- DCB Bank Head Office (2023): IT systems management, end-user support, and infrastructure operations.
- TANESCO Magomeni (2022): Hands-on experience with enterprise IT infrastructure and network environments.

## TECHNICAL SKILLS

---

**Cybersecurity:** Network security, ethical hacking, penetration testing, digital forensics, access control

**ERP:** Odoo (Sales, POS, Purchase, Inventory, Accounting, HR, Expenses, Time Off)

**Programming:** Python, Java, JavaScript, HTML, CSS

**Web Development:** React, Angular, Django, Spring Boot, Bootstrap

**Databases:** MySQL, SQLite, Oracle

**Cloud & Tools:** Google Cloud, AWS, API Development, IoT Design, Beeware

**OS & Networking:** Linux, Windows Server, Systems Administration

**Soft Skills:** Leadership, Communication, Problem-Solving, Team Collaboration, Project Management

## CERTIFICATIONS

---

- Cybersecurity Essentials — Cisco Networking Academy (Ongoing)
- Network Defence — Cisco Networking Academy (Ongoing)
- Introduction to Cybersecurity — Cisco Networking Academy (Oct 2024)
- AI Career Essentials — ALX Africa / Holberton Institute & Mastercard Foundation (May 2024)
- Google Developer Student Clubs Lead — Certificate of Completion (2023–2024)

## LANGUAGES

---

- Swahili — Native
- English — Proficient (Expert)

## REFEREES

---

### 1. Dr. Maryam M. Khamis

Computing Department, The State University of Zanzibar

maryam.khamis@suza.ac.tz | +255 773 455 565

### 2. Godfrey Ndunguru

Operations Manager, DCB Bank

gndunguru@dcb.co.tz | +255 787 854 888

### 3. William J. Frank

Founder, Kibenki

williamfranklyn2020@gmail.com | +255 624 507 602



AI  
Career  
Essentials

## CERTIFICATE OF ACHIEVEMENT

Proudly Presented to

**Laurent Mahemba**

For successfully completing an 8-week programme in  
AI Augmented Professional Development Skills in the Digital Age

**FRED SWANIKER**  
Founder & CEO, AL Group

**JACO JANSEN VAN  
RENSBURG**  
VP of Learning, ALX

**Date of Issue:** 17th May 2024

**Program completion date:** 11th May 2024

Scan the qr code or visit <https://intranet.alxsw.com/certificates/TN8cyXxGJ3> to authenticate this certificate



# Certificate of Course Completion

Laurent Mahemba

has successfully achieved student level credential for completing the Introduction to Cybersecurity course.

The student was able to proficiently:

- Explain the basics of being safe online, including what cybersecurity is and its potential impact.
- Explain the most common cyber threats, attacks, and vulnerabilities.
- Explain how to protect oneself while online.
- Explain how organizations can protect their operations against these attacks.
- Access a variety of information and resources to explore the different career options in cybersecurity.



Scan to Verify

*Laura Quintana*

---

Laura Quintana  
Vice President and General Manager  
Cisco Networking Academy

October 25, 2024

2023 - 2024 GDSC Lead

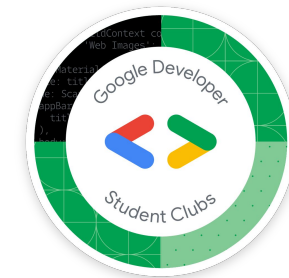
## Certificate of Completion

# Laurent Mahemba

is hereby awarded this Certificate of Completion for successfully serving as a Google Developer Student Club Lead for the 2023 - 2024 academic year.

*Rachel Francois*

Google Developer Student Clubs, Global Program Lead



Certificate ID: 1hGu570fCsl82Qwl6sz\_dMVnB3eag\_KYvpT-Vvf08g8A

# JESHI LA KUJENGA TAIFA



Na.444334

## TANZANIA

*Hati ya Ujenzi wa Taifa Mujibu wa Sheria*

*Hii ni kuthibitisha kwamba*

Namba..... BD 3298..... Cheo..... SM.....

Jina kamili..... LAURENT MWITA MAHEMBA.....

Kutoka Wilaya ya... SERENGETI..... Mkoa wa MARA.....

*amelitumikia Taifa katika Jeshi la Kujenga Taifa*

Operesheni..... SAMIA SULUHU HASSAN.....

kuanzia tarehe..... 21 JUN 21..... hadi tarehe..... 20 SEP 21..... Akiwa

katika kikosi cha..... 834.. KJ..... Amefanya Mafunzo ya awali

*ya Ulinzi na Usalama pamoja na Mafunzo ya awali kuhusu*

UZALISHAJI MALI

Uhodari wa Kazi Daraja..... "B"..... Tabia Daraja..... "B".....

Tarehe..... 09 SEP 21.....



**Makao Makuu**  
**Jeshi la Kujenga Taifa**  
**Sanduku la Posta 2963**  
**DODOMA**



**(RN Mabele hcds)**  
**Meja Jenerali**  
**Mkuu wa Jeshi la Kujenga Taifa**

THE STATE UNIVERSITY OF ZANZIBAR



The Senate of the State University of Zanzibar certifies that

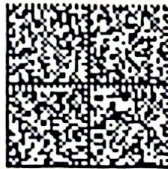
*Laurent Mwita Mahemba*

*having fulfilled all the requirements and passed all the examinations for the award of the*

**BACHELOR OF  
DEGREE OF INFORMATION TECHNOLOGY  
APPLICATION & MANAGEMENT (BITAM)**

*Upper Second Class (With Honors)*

*was admitted to the Bachelor  
at a congregation held in Zanzibar  
on the Twenty Eighth Day of December Two Thousand  
Twenty Four*



Prof. Moh'd Makame Haji  
Vice Chancellor



Dr. Hashim H. Chande  
Acting Deputy Vice Chancellor  
(Academic, Research & Consultancy)

# THE STATE UNIVERSITY OF ZANZIBAR

( TUNGUU )

P.O.BOX 146, ZANZIBAR



## DIRECTORATE OF UNDERGRADUATE STUDIES (DUS)

### STATEMENT OF EXAMINATION RESULTS

NAME: LAURENT MWITA MAHEMBA	SEX: MALE	RegNo: BITAM/9/21/010/TZ
CITIZENSHIP: TANZANIAN	ADDRESS: laurodesphinx@gmail.com	
DATE OF BIRTH: 21-09-2001	ADMITTED: 2021/2022	
CAMPUS: TUNGUU		
PROGRAM: BACHELOR OF INFORMATION TECHNOLOGY APPLICATION AND MANAGEMENT		

2021/2022 FIRST YEAR - SEM I					
CODE	MODULE NAME	CREDITS	GRADE	POINTS	GPA
INF 1101	Microcomputer Application	15	A	75	
INF 1104	Foundations of Programming I	15	B	45	
INF 1105	Principles of Management	10	A	50	
MT 1110	Mathematics	10	B+	40	
DS 1101	Development Studies Perspective	10	B+	40	
CL 1101	Communication Skills	10	B+	40	
<b>SUBTOTAL:</b>		<b>70</b>		<b>290</b>	<b>4.1</b>

2021/2022 FIRST YEAR - SEM II					
CODE	MODULE NAME	CREDITS	GRADE	POINTS	GPA
INF 1201	Principles of Accounting I	10	A	50	
INF 1202	Enterprise Resource Planning	10	B+	40	
EL 1201	Advanced Academic English Skills	10	B+	40	
INF 1211	Information Systems Analysis and Design	10	A	50	
INF 1208	PC Assembly and Maintenance	10	B+	40	
INF 1209	Database Systems	10	B+	40	
PT 1210	Practical Training	5	A	25	
<b>SUBTOTAL:</b>		<b>65</b>		<b>285</b>	<b>4.3</b>

2022/2023 SECOND YEAR - SEM III					
CODE	MODULE NAME	CREDITS	GRADE	POINTS	GPA
INF 2112	Database Application I (Ms SQL Server)	10	C	20	
INF 2103	Data Communication and Computer Networks	10	B	30	
INF 2105	Software Applications Development	10	C	20	
INF 2107	Principles of Accounting II	10	B+	40	
INF 2109	Cost Accounting	10	B	30	
INF 2111	Geographical Information Systems	10	A	50	
INF 2108	IS Development Frameworks and Methods	10	A	50	
<b>SUBTOTAL:</b>		<b>70</b>		<b>240</b>	<b>3.4</b>


2022/2023 SECOND YEAR - SEM IV					
CODE	MODULE NAME	CREDITS	GRADE	POINTS	GPA
INF 2212	IT Innovation and Entrepreneurship	10	A	50	
CS 2215	Web Technologies	15	B	45	
INF 2201	Financial Information System and Technologies	10	B+	40	
INF 2220	Database Application II (Oracle)	10	B+	40	
INF 2216	Principles of Computer and Network Security	10	B+	40	
PT 2210	Practical Training	5	A	25	
<b>SUBTOTAL:</b>		<b>60</b>		<b>240</b>	<b>4.0</b>

2023/2024 THIRD YEAR - SEM V					
CODE	MODULE NAME	CREDITS	GRADE	POINTS	GPA
CS 3102	IT Project Management	10	B+	40	
CS 3107	Network and Systems Administration in Windows and Linux	15	B+	60	
CS 3103	Computer Forensics and Cyber Security	10	A	50	
INF 3101	Marketing and Customer Care	10	A	50	
INF 3104	E-Commerce	10	B+	40	
INF 3203	IT Change Management	10	B+	40	
<b>SUBTOTAL:</b>		<b>65</b>		<b>280</b>	<b>4.3</b>

2023/2024 THIRD YEAR - SEM VI					
CODE	MODULE NAME	CREDITS	GRADE	POINTS	GPA
INF 2202	IS Strategy, Management and Acquisition	10	B	30	
INF 3201	Information Systems Audit and Control	10	B	30	
INF 3202	Data Mining and Business Intelligence	10	A	50	
INF 3108	Human Resource Management and Information System	10	A	50	
<b>SUBTOTAL:</b>		<b>40</b>		<b>160</b>	<b>4.0</b>

**OVERALL GPA: 4.0**




  
 UNIT 105107  
 DATE 2024  
 DIRECTORATE OF UNDERGRADUATE STUDIES (DUS)

**KEYS**

- This Transcript will be valid if and only if it bears the University Stamp
- Key for Subject/Module Units: ONE UNIT IS EQUIVALENT TO TEN CONTACT HOURS. POINTS = GRADE MULTIPLIED BY NUMBER OF UNITS

3. Key to the Grades and other symbols for University Examinations: SEE THE TABLE BELOW

Grade	A	B+	B	C	D	E
Marks	70-100%	60-70%	50-60%	40-50%	35-40%	0-35%
Grade Points	5	4	3	2	1	0
Remarks	Excellent	Very Good	Good	Satisfactory	Poor	Very Poor

4. Key to classification of Awards: SEE THE TABLE BELOW

Overall G.P.A	4.4 - 5.00	3.5 - 4.39	2.7 - 3.49	2.00 - 2.69
Class	FIRST CLASS	UPPER SECOND CLASS	LOWER SECOND CLASS	PASS