



# Plandi Makali

✉ makalicardoso@gmail.com

☎ 0682622669

📍 Cape Town

🔗 Portfolio

🌐 LinkedIn

🐙 Github

♂ Male

## Education

**BEng Tech Honours In Computer Engineering,**  
*Cape Peninsula University of Technology*  
2024 – Present

**Bachelor of Eng Tech in Computer Engineering,**  
*Cape Peninsula University of Technology* ✍  
2022 – 2023

Honours: Cum Laude | Average: 82%

**Diploma of Eng Tech in Computer Engineering,**  
*Cape Peninsula University of Technology* ✍  
2020 – 2021  
Average: 85%

## Academic Achievements

**Dean's Excellence Award 2023** ✍  
Best Bachelor of Engineering Technology student  
in the department of electrical, electronic and  
computer engineering.

**Dean's Excellence Awards 2021** ✍  
Top achiever for Diploma in Engineering  
Technology in Computer Engineering in the  
Department of Electrical, Electronic and Computer  
Engineering

**Top 1% Academic placement**  
Consistently ranked among the top 1% of students  
throughout BEng Tech and Diploma programs.

**26 Distinctions out of 31 subjects completed  
from Diploma through Honours**

## Professional Experience

### Koolboks Nigeria

Jan 2025 – present

- Working closely with the back-end and AI teams on intelligent systems and product development
- Applying AI-driven solutions in real-world contexts

## Technical Skills

### Software & Web Development

Java, JavaScript, Vue.js, C, HTML, CSS, basic Python and PHP

### Databases

MySQL.

### Networking & Systems

Network protocols and configurations, Cisco IOS XRv, OpenDaylight, BGP, MPLS, REST APIs, SDN

## Soft Skills

- Excellent Communication and Collaboration
- Problem Solving and Analytical Thinking
- Leadership and Productivity
- Detail-Oriented and Fast Learner

## Projects

### Intrusion Detection System Using Deep Learning for Hybrid SDN (in progress)

### Goodies Store

 ✍

- Online shopping web app using API for inventory

### School Bus Monitoring System

 ✍

- RFID, GPS, and Azure-hosted DB

### Solar Charge Controller

 ✍

- Arduino microcontroller and energy management

### ElectronicShop

 ✍

- Desktop application for electronics retail

### eShopWeb

 ✍

- Web application for electronic retail

### ServiceMe

 ✍

- Web application Where you can hire housecleaning and gardening services.

### Connect




 ✍

- Twitter-like social platform

## Certificates

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### AMI Courses

- Problem Solving 
- Communication 
- Personal Productivity 

### Microsoft Office Associate

## Volunteering

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### IEEE GLOBECOM 2024, Cape Town

- Managed front desk operations
- Logistics, Sessions monitoring
- Provided support to speakers and presenters
- Networking with students, researchers, and professionals

### AfricArena 2023 Grand Summit, Cape Town

- Coordinator
- Front desk operations
- Logistics

## Languages

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**English** – Fluent

**French** – Native/Bilingual

## Interests

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- Running
- Video games, soccer and Basketball
- Tech trends on Youtube and innovation blogs
- Artificial Intelligence and Cybersecurity

## References

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