Nicodemus Muimi Malombe

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💻 GitHub: https://github.com/nicomalombe

🌐 Portfolio: https://github.com/nicomalombe/nico-portfolio

# Personal Profile

A passionate and detail-oriented final year Computer Science student at Karatina University with a strong foundation in software development, artificial intelligence, and mobile application development. Highly motivated to build impactful solutions with modern technologies, and experienced in building both frontend and backend systems. Demonstrates strong teamwork, leadership, and communication skills gained through volunteering and academic roles.

# Education

Bachelor of Science in Computer Science

Karatina University — Expected Graduation: 2025

Area of interest

Artificial Intelligence, Machine Learning, Data Science

Software Engineering, Web Development, Mobile App Development

Data Structures, Algorithms, Operating Systems, Computer Networks

Kenya Certificate of Secondary Education (KCSE)

St. Joseph’s Boys High School – Kitui — Graduated: 2020

Grade: B-

Roles

Head of debate club

ICT Lab Assistant

Academic Secretary (Form 2-4)

ACADEMIC ACHIEVEMENTS

Consistently top-ranked student in AI, software engineering, and programming courses.

Built AI-based systems for real-world problems, praised by faculty evaluators.

Active contributor to tech clubs and academic workshops.

CONFERENCES & WORKSHOPS

Attendee, Innovation club at karatina university4 – Participated in student showcase and workshops.

# Technical Skills

- Programming: Python, Java, C++, C#, JavaScript, PHP, Dart  
- Web & Backend: HTML, CSS, React, Django, Flask, Spring Boot  
- Mobile Development: Flutter  
- Databases: MySQL, SQLite  
- Tools & Platforms: Git, GitHub, VS Code, Android Studio, XAMPP, Figma

# Projects

* Nico Portfolio

A personal portfolio website built using React, showcasing skills, projects, and services.  
 GitHub: https://github.com/nicomalombe/nico-portfolio

* Expert System

A rule-based expert system for academic transcript analysis using inference logic.  
 GitHub: https://github.com/nicomalombe/expert-system

* Diabetes Prediction Model

Machine Learning model using Scikit-learn to predict the likelihood of diabetes.  
 GitHub: https://github.com/nicomalombe/diabetes\_prediction\_model

* Business ERP

ERP system for small businesses with modules for inventory, sales, and HR.  
 GitHub: https://github.com/nicomalombe/business\_erp

# Work Experience

ICT Authority of Kenya – IT Support Intern (Jan 2024 – Apr 2024)  
- Delivered IT support to staff, troubleshooting software and hardware issues.  
- Assisted in help desk operations and handled user queries.  
- Supported installation and maintenance of computers and network systems.

# Leadership & Volunteering

- Academic Secretary, St. Joseph Musosya – Led student academic initiatives and organized peer learning.  
- Member, Innovation Club at Karatina University – Participated in coding events, innovation challenges, and peer tech mentoring.

# Languages

- English – Fluent  
- Kiswahili – Native