

# Muthoni Denis Thuo

Full stack Developer

## Personal Info

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## Languages

German Good

English Very Good

Native Speaker

## Skills

Programming: Python, JavaScript, HTML, CSS, PHP, React, Jaclang.

Databases: PostgreSQL, MySQL

Tools: Git, Vite

Interests: Conversational AI, Machine Learning

## Summary

Innovative and motivated Computer Science graduate with hands-on experience in software development, system support, and cybersecurity. Proven team player with a strong track record in delivering impact through programming, automation, and troubleshooting within cross-functional, multicultural environments (YALI/USAID, Kenyatta University). With a passion for collaborative innovation, poised to deliver value in dynamic tech environments.

## EXPERIENCES

May 2024 -  
September  
2024

Software Development and System Support  
Professional  
YALI Regional Leadership Center East Africa (USAID),  
Nairobi

- Collaborated with a team to develop and maintain web applications using Python scripts for data processing and system automation.
- Contributed to backend operations, integrating PostgreSQL databases to support over 500 users, with a focus on performance optimization.
- Assisted in troubleshooting and resolving technical issues, ensuring seamless functionality.
- Documented processes and provided technical support to end-users, enhancing system usability.
- Utilized Git for version control to manage code contributions effectively.

May 2023 -  
August 2023

IT Programming Intern  
Kenyatta University, Nairobi

- Supported development of internal systems using Python for automation and data management tasks.
- Assisted in database maintenance with MySQL, improving data accessibility for staff.
- Provided technical documentation and user training, ensuring efficient system adoption.
- Participated in testing and debugging to enhance application reliability

## Education

2021 - 2025

**Bachelor of Science in Computer science.**  
Catholic University Of Eastern Africa, Nairobi

Focus: Software engineering, data structures, web development, database systems, Cybersecurity.

2017 - 2020

**Secondary Education**  
Moi High School Mbiruri, Embu

Developed analytical skills in mathematics and sciences, laying the groundwork for technical proficiency.

## References

Dr. Jane Wanjira  
Learning & Curriculum Manager, YALI USAID  
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Doreen Moraa  
Lecturer, Computer Science, Catholic Univ. of Eastern Africa  
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## Certifications

ISC2 Cybersecurity: Completed core certifications and modules (2025)

Cisco Networking Academy: Junior Cybersecurity Analyst (2024)

Science Fair (Regional): Advanced with AI/CS project (2019–2020)