

CURRICULUM VITAE

ALEX MWANGI KIBAYA

I am a passionate and dedicated IT student eager to apply my knowledge and skills in a dynamic work environment. Currently pursuing Bachelors of science in Information Technology at the Technical University of Mombasa, I have a strong foundation in software development, networking, cybersecurity, data analysis and IT support. I am seeking an attachment opportunity to gain hands-on experience, contribute to real-world projects, and enhance my technical and problem-solving abilities. I am a quick learner, a team player, and highly motivated to develop practical skills that will prepare me for a successful career in the IT industry.



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Mombasa, Kenya.

EDUCATION

TECHNICAL UNIVERSITY OF MOMBASA (2022-current)

Bachelor of Science in Information Technology

Expected graduation: April 2026

Relevant Coursework: Software development lifecycle, Data structures and algorithms, Database management systems, Computer networking, Machine learning, Cyber security, Application development, Artificial intelligence etc.

HEMLAND COLLEGE (2022 Jan- 2022 Aug.)

International computer driving licence

Certificate in ICDL

Relevant Coursework: Word processing, Database, Slide presentation, Spreadsheets, IT security, Online essentials, Computer essentials

KIANYAGA HIGH SCHOOL (2018-2022)

KCSE Mean grade: B (PLAIN)

KAIRI CATHOLIC SCHOOL (2008-2017)

KCPE marks: 373

RELEVANT EXPERIENCE

WEB PROGRAMMING PROJECT:

- Developed a fully functional website for a local business in the hairdressing Industry, allowing the business owner to manage appointments, showcase services and update the website content with ease.
- Utilized HTML, CSS, JavaScript, PHP and MySQL to build a dynamic and Interactive site.
- Implemented features as booking section using Zoho bookings and calendly embedded into the code, service descriptions and a Gallery to enhance user experience.
- Ensured the system was responsive, enabling optimal user experience across both desktop and mobile devices.
- Integrated a simple content management system allowing business owner to update content without needing a technical expertise.

NETWORK MONITORING SCRIPT

- Developed a python script to monitor network connectivity and notify users of downtime.

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- It monitors internet connection status, sends email alerts if network is down and logs connection history for troubleshooting.
 - Skills used Python Ping commands, Email alerts

Personal Portfolio Website

- Created a personal portfolio website to showcase my skills, projects and achievements in the field of Information technology.
- Used HTML, CSS and JavaScript to design and Implement the site with features Including
- Responsive design to ensure the website works smoothly across all devices
- Contact form Integrated with email functionality to allow easy communication
- Project Showcase section to display my programming and web development projects
- This project provided me with hand-on experience in website development and effective user Interface design.

