

ANDERSON MWANGI

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SUMMARY

Full Stack Development Expertise: Proficient in designing and implementing robust, scalable web applications using technologies like HTML, CSS, JavaScript, React, Node.js, and Django. Developed and maintained RESTful APIs, ensuring efficient data flow between the front-end and back-end systems during internships at Kenya Law and the Office of the Registrar of Political Parties (ORPP).

Educational Background: Final year student pursuing a Bachelor's degree in Information Technology, specializing in software development, data structures, and database management systems.

Professional Training and Certifications: Currently enrolled in ALX's backend development course, enhancing skills in server-side development and cloud computing. Certified in nData Engineering by IBM, with competencies in data modeling, ETL processes, and big data technologies. Aspiring to obtain an IBM Data Science certificate to expand knowledge in machine learning and data analytics.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology

September 2021 – July 2025

BSc. Information Technology

Muranga High School

January 2017 - April 2021

KSCE A-

WORK EXPERIENCE

Full-Stack Intern

May 2024- August 2024

Office of the Registrar of Political Parties – Nairobi, Kenya

- Played a key role in developing a legal document management system, reducing data retrieval time by 30% through optimized RESTful APIs and efficient SQL queries.
- Improved the front-end user interface for enhanced usability, leading to a 25% increase in user engagement by implementing responsive design principles with HTML, CSS, and JavaScript.

Front End Developer Intern

May 2023 - September 2023

National Council for Law Reporting (Kenya Law) – Nairobi, Kenya

- Enhanced system security measures, resulting in a 40% reduction in potential vulnerabilities by utilizing Python and Django frameworks for robust backend development.
- Developed data visualization dashboards, increasing data-driven decision-making efficiency by 35%, using tools like Tableau and Power BI to present complex data insights clearly.

VOLUNTEER ACTIVITIES

Non-Profit Website Development

- Volunteered to design and develop websites for local non-profits, enhancing their online presence and outreach capabilities. Created user-friendly, mobile-responsive websites using WordPress and custom HTML/CSS, which increased online donations and volunteer sign-ups by 50%. Managed all aspects of the project, from initial consultation to deployment, ensuring the websites effectively communicate the organizations' missions and services

SKILLS

Back-End Developer (ALX)

Data Engineering (IBM Certified)

Soft Skills

Effective Communication

Problem solving ability

Adaptability

LANGUAGES

Kiswahili - Native

English - Expert

