ANDERSON MITAMBO MWANGI

Full Stack Developer and Data Analyst

As a hardworking and disciplined information technology graduate, I bring a solid foundation in computer science, coupled with hands-on experience in software development and a passion for innovative problem-solving challenges, that will keep me on toes to always perform. With a deep interest in the ever-evolving world of advancing technologies and a drive for excellence, I aim to contribute meaningfully to the software engineering domain while continuously enhancing my skills and knowledge.

EXPERIENCE

Nairobi
Apr 2023 - Sep 2024

IT INTERN
NATIONAL COUNCIL FOR LAW REPORTING

Duties and Responsibilities
1. Data Analysis:
Legal Data Analysis: I analyzed legal data by web scrapping through legal documents using libraries like 'BeautifulSoup' and 'Scrapy' to collect data from legal websites, databases, or online legal repositories
Text Analytics: I applied text mining techniques to extract meaningful information from legal texts, such as judgments, statutes, and legal opinions.
2. Website Maintenance: I assisted in maintaining and updating the Kenya Law website, including uploading new content, optimizing site performance, and ensuring compliance with web standards and accessibility guidelines.
3. Legal Database Management: I provided support on the management of Kenya Law's legal databases by assisting with data entry, indexing documents, and ensuring the accuracy and integrity of legal information.
4. Research and Analysis : I was heavily involved in conducting research on emerging IT trends and technologies relevant to Kenya Law's operations, and provided analysis and recommendations to support decision-making by the IT department

INTERN
OFFICE OF THE REGISTRAR OF POLITICAL PARTIES

As an IT intern at the Office of the Registrar of Political Parties, my
roles and responsibilities were multifaceted and crucial for the smooth functioning of the office.
1. Data Analysis :
Data Mining and Extraction: I was involved in retrieval of relevant data from various sources for analysis. This involved me using SQL queries and other data extraction tools.

Nairobi
Apr 2024 - Present

Statistical Analysis: I applied statistical techniques to analyze data using Python's numeric and mathematical libraries such as NumPy and Pandas, I identified trends, patterns, and correlations within political party activities and membership.
Predictive Modeling: I assisted in creating models that can predict future trends in political party membership, voter behavior, or election outcomes.
2. Database Management: I was heavily involved in the management and maintenance of databases containing vital information about political parties, their members, and related records. I ensured rightful data entry, data verification, and the security of the databases.
By fulfilling these roles and responsibilities effectively, I contributed significantly to the overall functioning and success of the Office of the Registrar of Political Parties in Kenya.

EDUCATION

Bachelor of science in Information Technology
Jomo Kenyatta University of Agriculture and Technology

Kenya Certificate of Secondary Education
Murang'a High School

Kenya Certificate of Primary Education
Jadamy Elite Academy

CERTIFICATIONS & COURSES

IBM DATA ENGINEERING CERTFICATE

REFERENCES

Mr. Martin Andago,
Departmental head ICT,
National Council of Law Reporting (Kenya Law),
Tel : +254 -719666382.

Mr. Bryan Alphayo, Supervisor
ICT department,
Office of the Registrar of Political Parties(ORPP),
Tel: +254 -7042343858.

Mrs. Lucy M. Mwaniki,
Director,
Jadamy Elite Academy
Tel : +254-722440402.

SOFT SKILLS

Strong problem-solving skills: I excel at breaking down complex problems into manageable components

and devising effective solutions through systematic analysis and creative thinking.

Adaptability: I thrive in dynamic environments and am adept at quickly learning new technologies and

methodologies to stay ahead in a rapidly evolving industry.

Team player: I understand the importance of collaboration and communication in a team setting, and I am

committed to fostering a positive and inclusive work environment where ideas are valued and contributions

are recognized.

Detail-oriented: I have a meticulous approach to coding and software design, ensuring that my work is of

high quality, well-documented, and thoroughly tested to meet the highest standards of excellence.

CONTACT INFORMATION

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Date of birth
May 22, 2003

Nationality
Kenyan

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TECHNICAL SKILLS

- Proficient in multiple programming languages such as Java, Python, C++, and JavaScript,
- Data Analysis and Management: SQL, Excel (Pivot Tables, VLOOKUP), Pandas
- Programming Languages: Python (NumPy, Pandas, SciPy), R
- Data Visualization: Matplotlib, Seaborn, Tableau, Power BI
- Familiarity with web development technologies including HTML, CSS, and front-end frameworks like React.js and Angular, as well as back-end frameworks like Node.js and Django.
- Skilled in designing and implementing efficient algorithms and data structures to solve complex problems, with a focus on scalability, performance, and maintainability.
- Experienced in utilizing various development tools and frameworks like GitHub and Agile methodologies to streamline the software development process and enhance collaboration within teams.

LANGUAGES

English
Advanced

Swahili
Native