

Professional Summary

Innovative ICT graduate specializing in Data Science, Data Analysis, and Software Development, with a strong passion for transforming complex data and ideas into practical, high impact solutions. Skilled in designing and developing data driven applications, building interactive dashboards, and creating predictive models that support informed decision making and business growth. Proficient in programming, data visualization, and software engineering principles, with a commitment to delivering efficient, scalable, and user friendly digital solutions that enhance performance and organizational efficiency.

Technical Skills

Programming & Tools:

Python (pandas, numpy, matplotlib, scikit-learn), SQL, JavaScript, React.js, Node.js, Flask, Power BI, Tableau, Git

Data Science:

Data Cleaning & Transformation, Exploratory Data Analysis, Model Building, Machine Learning Algorithms, Data Visualization

Software Development:

Front-end & Back-end development, API integration, Agile methodologies, Version control with GitHub

Other Skills:

Critical Thinking | Problem Solving | Data Storytelling | Communication | Team Collaboration | Project Documentation

Projects

1. Traffic Jam Prediction – Nairobi Public Transport

Built a model to optimize travel times, reduce congestion, and forecast passenger demand across 20+ Western towns, achieving 92% prediction accuracy.

2. Full-Stack HR Management System

Developed a React + Node.js platform to manage employee profiles, leave requests, and departmental inventories, improving workflow automation and resource tracking.

3. Predictive Analytics Dashboard – Online Retail Store Dataset

Created a Power BI dashboard analyzing 2 years of retail transactions, delivering insights that increased revenue potential and product demand through data-driven recommendations.

Work Experience

Data Science Intern

Future Interns – Remote | October 2025 – Present

- Worked on project based analytics tasks, focusing on data cleaning, preprocessing, and dashboard creation for realworld datasets.
- Processed and structured over 50,000+ data records, improving data accuracy and readiness for analysis.

- Designed interactive dashboards that visualized performance metrics and trends for better decision making.
 - Delivered data driven recommendations that improved reporting efficiency and insight clarity by 30%.
 - Strengthened practical experience in Python, Power BI, and statistical analysis, contributing to end-to-end data workflows.
-

IT Support & Network Maintenance Intern

Kenya Forestry Research Institute (KEFRI), Karura Branch | July 2023 – September 2023

- Supported staff members by troubleshooting hardware, software, and network issues to ensure smooth operations.
 - Configured and maintained 50+ computer systems and LAN setups, minimizing system downtime by 25%.
 - Collaborated with the IT team to execute daily maintenance and system upgrades, enhancing operational reliability.
 - Ensured stable email and internet connectivity, improving communication flow across departments.
 - Contributed to network uptime of over 98%, strengthening overall IT infrastructure performance.
-

Education and Certification

- **Data Science Certification** (Feb 2025 – Aug 2025)
African Centre for Data Science & Analytics Ltd
 - **Full-Stack Web Development Certification** (May 2024 – Jul 2024)
Teach2Give Software Development Bootcamp
 - **Bachelor's Degree in Information & Communication Technology (ICT)** (2021 – 2024)
Laikipia University
-

Personal Interests

AI & Upcoming Technologies | Open-Source Projects | Data Visualization | Tech Communities | WordPress Web Design | Martial Arts

Referees

Mr. Mukoto

Network Administrator – Kenya Forestry Research Institute (KEFRI)

Relationship: Supervisor

Tel: +254 735 968 685

Alamin Juma

Software Engineer – The Jitu

Relationship: Supervisor (Teach2Give Trainee Program)

Email: alimagoti95@gmail.com

Tel: +254 704 979 852

Dr. Alex Kibet

COD, Computing and Informatics – Laikipia University (Main Campus)

Relationship: Lecturer

Email: akibet@laikipia.ac.ke

Tel: +254 714 470 102