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Nationality:	Kenyan
Languages:	English, Swahili

SAMUEL WAITHAKA NJUGUNA
DATA ANALYST | SOFTWARE ENGINEER

INTRODUCTION

I am a detail-oriented and results-driven Data Analyst and Software Engineer, currently in my final year pursuing a Bachelor's degree in Computer Science. With a strong foundation in software development and a deep passion for AI and data science, I thrive at the intersection of code and data. I bring hands-on experience in building web applications, analyzing complex datasets, and deriving actionable insights to drive business decisions. I am actively seeking opportunities where I can apply my analytical mindset, technical skills, and continuous learning approach to solve real-world problems and contribute to impactful projects.

EDUCATION

University:
Bachelor of Science in Computer Science, The Catholic University of Eastern Africa
Expected Graduation: OCTOBER 2025

Secondary Education:
Kenya Certificate of Secondary Education (KCSE), Utumishi Boys Academy 2021 Grade: B plain

Primary Education:
Kenya Certificate of Primary Education (KCPE), GSU Primary School 2016 Grade: B Plain

WORK EXPERIENCE

IT Intern – Kenya News Agency (KNA), Ministry of Information, Communication and the Digital Economy

Nairobi, Kenya | May – July 2024
- Supported the IT and Library departments in daily operations, focusing on **network administration**, **website management**, and **digital archiving**.
- Conducted **network troubleshooting** and configuration, including diagnosing connectivity issues, setting up routers/switches, and optimizing network performance.
- Assisted in the **digitization and preservation of historical media** for national archives, enhancing future accessibility and storage reliability.
- Managed and tested updates to the **KNA website**, improving accessibility and content functionality.
- Performed **hardware configuration and deployment**, ensuring devices were properly set up and integrated into the existing infrastructure.

- Installed **operating systems and applications** on new and existing systems while performing regular **data backups**.
- Repaired and maintained ICT equipment including computers and peripherals, enhancing the overall operational efficiency of the department.
- Provided **technical support to staff**, resolved IT-related issues, and helped train end-users on new systems.

SKILLS

Technical Skills
- **Programming Languages**: Python, JavaScript, PHP, HTML, CSS, SQL, R
- **Data Analysis & Visualization**: Pandas, NumPy, Matplotlib, Excel, R (basic)
- **Web Development**: Laravel (PHP), MySQL, RESTful APIs
- **Network Administration**: Network configuration, troubleshooting, monitoring tools
- **Systems & Hardware**: Operating system installation (Windows/Linux), hardware repair & maintenance
- **Digital Archiving & Documentation**: Media digitization, data backup, metadata management

Tools & Platforms
- Git & GitHub
- RStudio
- VS Code
- XAMPP / MAMP
- Figma (UI prototyping)
- MS Office Suite

Soft Skills
- Problem-solving & analytical thinking
- Communication & technical writing
- Team collaboration & adaptability
- Attention to detail
- Time management

REFERENCES

Emily Gathoni
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