

REUBEN MUNENE MWANGI

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RESIDENCE: Nairobi

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PROFILE SUMMARY

A motivated Mathematics and Computer Science graduate with a robust foundation in programming, data analysis, and client relations. Proficient in Python, Java, SQL, and MATLAB, with practical experience in software development, web development, and graphic design. Demonstrated ability to deliver high-quality work in both technical and client-focused environments. Seeking a role that leverages technical and interpersonal skills in a dynamic setting.

EDUCATION

- 2018– 2023:** BSc. Mathematics and Computer Science.
Majoring in Statistics, Multimedia
University.
GPA: Second class upper
- 2014 –2017:** Njiiri School.
K.C.S.E mean grade. B (plain)
- 2009-2013:** Gachugu Academy.
K.C.P.E marks. (398/500).

TECHNICAL SKILLS

- **Web Development:** HTML, MongoDB, react, Node.js
- **Data Analysis & Mathematical Tools:** MATLAB, NumPy, Excel
- **Tools & Platforms:** Git, Flask, RabbitMQ
- **Code debugging and problem-solving.**

INTERNSHIPS AND EXPERIENCE

Intern

Kenya National Library Service (KNLS), Nairobi, Kenya | [January 2022] – [March 2023]

- Assisted in the maintenance and troubleshooting of computer systems, ensuring optimal performance and minimal downtime.
- Supported the configuration and maintenance of computer networks, enhancing connectivity and operational efficiency.
- Participated in the implementation and enhancement of security protocols, safeguarding organizational data and IT infrastructure..

Web Developer & Software developer

[Centrino technologies], | [March, 2023] – [April,2024]

- Designed and developed responsive websites using HTML, CSS, and JavaScript.
- Designed and developed responsive applications using python, CSS, and JavaScript.
- Created custom job posters, flyers, and digital marketing materials using Adobe Illustrator and Canva.

Trade Development Representative (TDR)

Telkom Kenya, | [April 2024] – [Ongoing]

- Identified and recruited agents, targeting mobile money outlets and high-traffic retail stores, enhancing the distribution network.
- Conducted regular visits to Simcard Selling Outlets (SSOs) and agents, ensuring adherence to route plans and optimizing sales performance.
- Provided training and business tools to SSOs and T-Kash agents, improving transaction efficiency and compliance with KYC processes.
- Developed and maintained merchandising standards by supplying promotional materials to SSOs and agent outlets, enhancing brand visibility.

Freelance Academic Writer

[Self-Employed], | [January, 2019] – Present

- Conducted in-depth research and authored academic papers on topics including mathematics, computer science, and business.
- Applied statistical analysis and data visualization techniques using Python, R, and Excel.
- Developed strong analytical and time management skills by managing multiple projects with strict deadlines.

PROJECTS

Software for Regulation of High-Velocity Pumps

- Developed a software solution using Python and SQL to monitor and regulate high-velocity pumps, enhancing operational efficiency.
- Utilized MATLAB for data analysis and modeling to optimize pump performance parameters.
- Implemented real-time data processing and visualization features, allowing for proactive maintenance and reduced downtime.

Personal Portfolio Website Development

- Designed and developed a personal portfolio website to showcase projects and skills, utilizing HTML, CSS, and JavaScript.
- Integrated responsive design principles to ensure compatibility across various devices and screen sizes.
- Implemented SEO best practices to increase online visibility and attract potential clients

Mobile applications

Designed several mobile applications including:

- an alarm and reminder app
- a shoe sales application
- An application that monitors the location of devices such as phones and laptops or desktops in real time

Custom Flyers & Job Posters for Online Clients

- Designed professional marketing materials for job advertisements and business promotions.
- Applied design principles to create visually engaging and informative content.

CERTIFICATIONS & TRAINING

1. **Google Data Analytics Certification** | [In progress]
2. **AWS Cloud Practitioner** | [In progress]

EXTRACURRICULAR ACTIVITIES

- **Member, Computer Science Club** | [Multimedia University]
 - Organized coding competitions and workshops to promote programming skills among students.
- **Math Tutor** | [Multimedia University]9
 - Assisted students in understanding concepts in calculus and linear algebra.

REFERENCES

Mr Alex Ombogi,
Head of Information Technology,
Kenya National Library Service,
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Mr Charles Kamau.
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