George Maina
Software Engineer

0794140979

Thika, Nairobi, Nairobi

mwangis@gmail.com

EDUCATION

Kabarak University | Graduated: 2024 | GPA: 3.7

Data Analytics Course

ALX Africa | Ongoing

AI Career Essentials

ALX | 2024

Professional Foundations

ALX | 2024.

SKILLS

Technical Skills:

- Programming Languages: JavaScript, Python, SQL, Basic React (learning Golang & TypeScript)
- Data Structures & Algorithms: Strong problem-solving & optimization techniques
- Web Development: HTML, CSS, React (Basic)
- Database Management: PostgreSQL, MySQL
- Linux Environments: Basic setup, management, and troubleshooting
- Version Control: Git, GitHub
- Containerization & Cloud: Familiarity with Docker & cloud technologies

SUMMARY

Aspiring Software Engineer with a Bachelor's degree in Information Technology (Kabarak University, Class of 2024) and hands-on experience in software development, IT support, and data analytics. Passionate about building scalable and high-performance applications, optimizing system performance, and solving complex technical challenges. Proficient in JavaScript, Python, SQL, and currently learning Golang and TypeScript. Actively upskilling in Data Analytics with ALX Africa, gaining expertise in database management, Linux environments, and cloud computing.

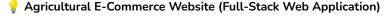See my personal website and blog at **https://mainasportfolio.netlify.app/**

WORK HISTORY

IT and Telecom Specialist Intern

Kenya Power | Thika, Kiambu, Kenya | May 2023 – August 2023

- Provided IT support and troubleshooting to over 50 internal users, reducing downtime by 30%.
- Assisted in network setup, software debugging, and system maintenance, optimizing overall efficiency.
- Contributed to database management and performance optimization, ensuring smooth system operations.

PROJECTS

Software Development Projects

💡 **Agricultural E-Commerce Website (Full-Stack Web Application)**

- Developed a platform connecting farmers with buyers, integrating secure transactions and user authentication.

Technologies used: JavaScript, HTML, CSS, MySQL.

💡 **School Chatbot (AI-Powered Assistant) (Python & NLP-Based Project)**

- Built a chatbot to assist students with academic and administrative queries using Python and Natural Language Processing (NLP).
- Integrated with PostgreSQL database to store and retrieve user interactions.

Soft Skills:

- Excellent communication and presentation skills
- Strong interpersonal and teamwork abilities
- Self-starter with a flexible and proactive attitude
- Problem-solving and critical thinking

Full Stack Developer Internship

Future Interns | 2024

- Collaborated with a team to design and develop a full-stack web application, gaining hands-on experience in front-end and back-end technologies.

CERTIFICATIONS & TRAINING

- Microsoft Copilot Challenge – Microsoft
- AI Career Essentials Course – Microsoft
- Data Science Job Simulation – Forage
- ALX Data Analytics Program (Ongoing)
- Data Analytics Job Simulation - Deloitte Australia

HOBBIES & INTERESTS

- Basketball – Enhancing teamwork and strategy.
- Listening to Music – Enjoys creativity and different perspectives.
- Watching Movies – Analyzing storytelling and cultural insights.
- Coding & Tech Trends – Passion for learning new technologies and solving coding challenges.