



Kelvin Maina

Born 7th of October 2001
kmaina102@gmail.com
+254708328905

ASSOCIATIONS

Kamune Cluster Elites
Chairperson

LANGUAGES

English
Spoken: Native • Written: Native



INTRO

Experienced software engineer with over a decade of proficiency in crafting robust and efficient codebases. Skilled at meticulously overseeing development processes and ensuring adherence to coding standards and best practices. Specializing in backend development. My interpersonal abilities foster a collaborative environment, keeping the team engaged, motivated, and focused on delivering high-quality software solutions.



WORK EXPERIENCE

Software Developer and IT Support Specialist Kamune Parish • Jun 2024 – Present

At Kamune Parish, I have been responsible for the development of key digital systems, including a Financial Management System that streamlined financial processes, improved reporting accuracy, and reduced manual errors. I also led the creation of a user-friendly website to enhance the parish's online presence, featuring an events calendar and donation capabilities. Additionally, I provided ongoing software support, troubleshooting, and performance optimization for various systems to ensure their seamless operation. I worked closely with parish leadership to understand their technical needs and delivered customized solutions, including training staff to effectively utilize the systems.

Computer Science Writer Writers Admin • Jun 2022 – Jun 2024

As a Computer Scientist at Writers Admin, I applied my technical expertise to develop, optimize, and maintain software solutions that enhanced the efficiency and functionality of digital systems. I specialized in building and refining custom applications, databases, and user interfaces tailored to meet the unique needs of clients. My work included developing robust backend systems, integrating third-party APIs, and optimizing system performance for scalability and security. I collaborated closely with cross-functional teams to design user-centric solutions and ensured the seamless integration of technology into various workflows. Additionally, I provided ongoing technical support, troubleshooting, and system updates to ensure long-term operational success. My focus was always on delivering high-quality, scalable, and efficient solutions that exceeded client expectations.

IT Attaché • May 2023 – Aug 2023

During my industrial attachment at the Kenya Forest Service's IT department, I gained hands-on experience across several IT domains, from basic network troubleshooting to IP phone configuration. I developed a comprehensive understanding of network infrastructure, allowing me to diagnose and resolve complex issues, while also mastering the intricacies of hardware configuration and peripheral management. These experiences enhanced my problem-solving skills, and I improved my adaptability by learning to manage diverse hardware and network-related tasks effectively. Additionally, I broadened my knowledge in Windows Server functionalities and web development. I learned about user account management, data backup procedures, and server roles, ensuring reliable IT operations. My exposure to web development enabled me to participate in various projects, honing my coding skills and content management abilities. Throughout this attachment, I improved my teamwork and communication skills by working closely with colleagues and providing user training and support. These experiences have prepared me for a successful career in Information Technology, equipping me with the skills and knowledge necessary for a wide range of IT roles.



EDUCATION

Bsc. Computer Science Machakos University; Machakos University, Machakos, Kenya • Oct 2020 – Oct 2024

I am a software developer with a solid educational background in Computer Science from Machakos University in Machakos, Kenya. Throughout my undergraduate studies, I've gained extensive knowledge in various disciplines, such as Algorithms and Data Structures, Object-Oriented Programming, Database

Management Systems, Software Engineering, Web Development, and Artificial Intelligence. During my time at university, I worked on several projects that allowed me to apply my theoretical knowledge in practical settings. One of my most notable projects was an agriculture-based system designed to connect farmers with essential services. This platform provided farmers with resources like market access, subsidized products, and loans, ultimately supporting the agricultural community. My team and I were awarded a grant to implement this system, demonstrating the project's impact and potential. This experience not only honed my technical skills but also highlighted the importance of developing solutions with real-world applications.



SKILLS

[CSS](#) [Computer, laptop maintenance and repair](#) [Database administration](#)
[Database query languages \(SQL, others\)](#) [E-mail and internet](#) [IT support](#) [Programming](#) [PHP](#)
[Relational databases \(SQL\)](#) [Web service and application development](#)
[Office tools: Word, Excel, Outlook](#) [Networking](#) [HTML](#) [IT equipment installation and configuration](#)
[JavaScript](#) [Operating systems](#) [File management and data back-up](#)
[Github \(or other software version management systems\)](#) [User experience \(UX and UI\) design](#)
[Office tools \(MS office, open office, etc.\)](#) [Linux](#) [C, C# or C++](#) [Code documentation](#)
[Big data and data analytics](#) [Domain name systems \(DNS\)](#) [Database servers](#) [React.js](#) [Node.js](#)



HOBBIES



Swimming



Coding



LINKS



<https://writersadmin.com/profile-share/writer/1664198>



https://www.linkedin.com/in/kelvin-maina-460490241?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app



REFERENCES



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