

MARCUS MACHARIA KARIUKI

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PROFESSIONAL SUMMARY

A Computer Science professional specializing in software development, web design, and networking. Well-versed in programming and scripting languages including Ruby, HTML, CSS, Bootstrap, and MYSQL among others. Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving projects with a record of hardworking achievement both in my academics and outside a formal academic setting. I look forward to working in a dynamic and challenging environment that will allow me to utilize my skills and abilities towards achievement of the organization's goals.

SUMMARY OF SKILLS

SOFT SKILLS

- Work well in a team environment and contribute positively to team dynamics.
- Express technical concepts clearly and understandably.
- Collaborate with cross-functional teams, including designers, product managers, and QA engineers.
- Pay close attention to code quality and maintainability.
- Manage workload efficiently and balance multiple projects.
- Approach challenges with a logical and systematic mindset.
- Make well-informed decisions based on a thorough understanding of the situation.
- Demonstrate a proactive approach to learning new technologies and tools.

TECHNICAL SKILLS

I am proficient in SQL Server, PostgreSQL, Prisma, MONGO db

JAVASCRIPT, NEXT.JS, LARAVEL PHP, RUBY, REACT JS, .NET framework (i.e. visual basic), and C++.

Frameworks:

Bootstrap, Tailwind CSS, Ruby on Rails(ROR)

Networking Skills:

- Network device (Routers, Switches, and Access Points) Configuration and installations
- Network Subnetting and large network segmentation by implementation of VLANs.
- Creation and implementation of Active Directory Domain System for easier system administration and user management.
- Coordinate the design and installation of structured cabling.

TOOLS:

I am conversant in the usage of the following tools: VsCode, Postman, Beekeeper, Packet Tracer, MYSQL Workbench

PROJECT SUMMARY

Eunikim Academy [link](#)

Eunikim Academy is a forward-thinking educational institution dedicated to nurturing the potential of every student. Built with the powerful Laravel PHP framework, our online platform provides parents with an easy-to-navigate interface where they can explore all that Eunikim Academy has to offer. The website offers a comprehensive overview of the school's values, curriculum, and extracurricular activities, ensuring parents have all the information they need at their fingertips. Additionally, parents can conveniently download the fee structure and curriculum directly from the website, making it easier than ever to stay informed and engaged in their child's education journey.

My Portfolio [link](#)

Welcome to my portfolio, where you'll discover my journey as a software engineer and computer science professional. With a solid foundation in both software development and network engineering, I specialize in creating efficient, scalable solutions that drive innovation. My work is a reflection of my commitment to precision, creativity, and continuous learning. From developing robust applications to designing intricate network systems, I am dedicated to pushing the boundaries of technology and delivering impactful results. Explore my portfolio to see how my skills and experience can bring value to your projects.

Beats by Kobby [link](#)

Welcome to Beats by Kobby, your ultimate destination for high-quality beats. Designed with Laravel PHP, Blade, and Breeze authentication, our platform offers a seamless and secure experience for music enthusiasts and creators alike. Built on a robust PostgreSQL database, Beats by Kobby ensures efficient, scalable solutions for discovering and purchasing premium beats.

Our website showcases a diverse collection of beats, each crafted with precision and creativity. Whether you're looking to enhance your next project or find the perfect track for your creative endeavors, Beats by Kobby delivers a user-friendly interface and reliable performance. Explore our site to experience how our expertise in software development and database management drives innovation and elevates your musical journey.

WORK EXPERIENCE

YOUTH FUTURE LAB(YFL)

ICT intern (October 2023 - February 2024)

- Conduct training sessions to educate staff on the efficient and effective use of ICT tools.
- Offer ongoing support and guidance to ensure users are comfortable with technology.
- Assist in the management and maintenance of the organization's computer networks.
- Maintain an accurate inventory of hardware and software assets.
- Document procedures, configurations, and troubleshooting steps.
- Research and propose innovative solutions to enhance organizational ICT capabilities.

CODEKAZI

Software Developer Intern (July 2023 to September 2023)

- Design and develop server-side APIs using Ruby on Rails and Next.js
- Implement responsive user interface and front-end functionalities using React and Next.js
- Integrate third-party APIs and services to enhance application functionalities.

- Implement MVC architecture and utilize Rails conventions to ensure maintainability and scalability
- Work in Agile teams, participate in daily stand-ups, and actively participate in code reviews
- Design and optimize database schemas, queries, and migrations.
- Utilize Prisma ORM to interact with databases efficiently and securely
- Collaborate with designers, product managers, and other developers to deliver high-quality software solutions

KENYA UTALII COLLEGE

IT Department Intern (March 2021 to June 2021)

- Software installation and configuration
- Networking, Wireless configuration, and Security
- Installation of computers, peripherals, and printers
- Computer hardware maintenance
- Monitoring and maintaining computer systems and networks.
- Troubleshoot system and network problems and resolve
- Installing and testing lecture and conference ICT equipment
- IT consultant

EDUCATION BACKGROUND

Software Engineering

Moringa School(2022-2023)

Diploma in Computer Science

Zetech University (2018-2020)

Kenya Certificate of Secondary Education (KCSE)

Muhoho High School (2014-2017)

OTHER ACADEMIC QUALIFICATIONS

- CCNA with CISCO(May 2019-December 2021)

REFEREES

1. Kevin Maringa

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2. Charlie

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3. Frank Kamau

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4. Ibrahim Wanyoike

ICT Officer

Kenya Utalli College

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