

# CURRICULUM VITAE

## BRIAN MURITHI

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### POSITIONING STATEMENT:

I am a passionate, energetic, ambitious, and well-informed **software development, web developer, and database management professional**. Software development is my passion. I developed the interest right from high school and I continued to build on this passion up to the University level where I pursued a **Bachelor of Computer Science**. Additionally, I have competency in **Data Entry, Microsoft Software usage, IT Technical Support, Design, and Project documentation as well as Computer Software Usage**.

I am always eager to go beyond my expectations. I have undertaken various professional development programs that have branded me ahead of my peers. I possess greater problem-solving skills by using **modern programming technologies**. This includes **JavaScript, React.js, Node.js (Express); Database –Firebase, SQL, and MongoDB**. I am also familiar with and experienced in Typescript, Bash, Next.js, and WordPress

I have unmatched proficiency in **Microsoft Office and google docs**. Specifically, I have a wealth of experience and knowledge in using office applications including excel, outlook, word, publisher, PowerPoint, google sheets, slides, and Microsoft Office 365 development tools. Also great at managing databases such as Microsoft Access and preparations of documents and presentations of reports.

I advocate for The Fourth Industrial Revolution. I am progressively developing my skills to align with the dynamic changes and emerging trends to influence society technologically, a champion for organization-set objectives as well as growing my career. When looking for a reliable computer scientist with a strong technical background, crowned with excellent client service, accuracy, efficiency, and innovation then count on me. An upcoming tech brain for the future in Africa then count on me.

I am currently expanding my skillset by completing a course in software engineering through ALX/Holberton curriculum, where I have gained proficiency in low-level programming, high-level programming, and system engineering & DevOps.

I look forward to engaging with you as an employee or partner as we grow together.

### **KEY AREAS OF EXPERTISE:**

- Software Development: Experienced in developing and creating programs and apps, such as logistic apps and e-commerce solutions, using modern programming languages and frameworks.
- Systems Administration: Skilled in administering accounting systems, ERP, antivirus services, data backup/restore, user accounts, and corporate mail. Proficient in setting up, installing, configuring, troubleshooting, and maintaining virtual servers.
- Network Infrastructure Management: Proficient in monitoring, operating, managing, and troubleshooting network infrastructure. Experienced in connecting LAN and WAN, hardware and software system installation, troubleshooting, and maintenance.
- ICT Policy Formulation: Proficient in formulating and implementing ICT policies and procedures that align with an organization's goals and objectives.
- Project Management: Experienced in overseeing day-to-day operations and coordinating special projects, including managing budgets, timelines, and stakeholder expectations.
- Technical Support: Skilled in providing IT support both physically and remotely, including solving software problem resolutions and documentation, handling ICT queries, and attending to clients on various ICT aspects both online and offline.
- Content Management Systems: Experienced in designing and implementing content management systems such as WordPress and Joomla to meet user needs and enhance the user experience.
- Security Management: Experienced in maintaining up-to-date antivirus levels on all machines across an organization and managing and monitoring backups in multiple locations where necessary.
- End-User Training: Proficient in providing ICT end-user training and documentation to improve users' proficiency and productivity.
- Business and Project Report Development: Skilled in developing and presenting business and project reports that communicate complex technical information in a clear and concise manner.

### **SUCCESSFUL PROJECTS HANDLED SO FAR:**

- Developed an E-Commerce website [www.mamagas.co.ke](http://www.mamagas.co.ke), which involved designing and developing an online marketplace for buyers and sellers of groceries and other household items.
- May – August 2018 and June –December 2021: Worked on a school project helping in the development of the database and providing ICT support to the students and administration staff.
- January – December 2022 Supported Jo Africa Online in maintaining their websites, digital marketing, and developing advertisement materials [www.joafrika.com](http://www.joafrika.com). This project involved

enhancing the company's online presence and increasing its brand awareness through targeted digital marketing campaigns.

- July – December 2022 volunteered at Village HopeCore International supporting the ICT team, youth program, and program development – supporting all their publicity programs and helping in Data Collection on COMM Care. Also contributed exemplary in the development of the Micro Enterprise Management System [www.villagehopecore.org](http://www.villagehopecore.org).
- January – February 2023 Designed and customized the Walmart branding and e-commerce website. [www.realmartcommunication.com](http://www.realmartcommunication.com) . This project involved collaborating with the client to develop a visually appealing website that aligned with their brand's identity and improved the user experience.

### **LANGUAGES AND PROGRAMMING COMPETENCIES:**

- **Frontend development:** React Native, React.js, and Next.js, with a focus on building dynamic and responsive user interfaces.
- **Backend development:** experience in building RESTful APIs using Python Flask and Node.js/Express.js to deliver efficient and scalable server-side solutions.
- **Databases:** skilled in working with both NoSQL (MongoDB) and SQL (MySQL) databases, including database design, querying, and optimization.
- **WordPress:** experienced in customizing themes and plugins to deliver robust and secure websites and web applications.
- **Microsoft Power Platforms:** adept at leveraging Microsoft's suite of low-code/no-code tools to create customized business solutions.
- **Server configuration:** experienced in setting up and configuring web servers such as Nginx, Haproxy, and Gunicorn to optimize performance and reliability.
- Bash scripting and experience working with Linux servers

### **OTHER KEY SKILLS AND COMPETENCIES:**

- Effective leadership, team management, and interpersonal skills
- Proficient in project management with exceptional presentation abilities
- Strategic planning and implementation of ICT solutions
- Outstanding customer service and support skills
- Expertise in process and performance optimization
- Strong communication and report-writing skills with a keen eye for detail.

### **EDUCATION, PROFESSIONAL, AND TRAINING:**

- **2022 – 2023:** ALX / Holberton Curriculum – **Software Engineering**
- **2018 - 2022:** Kirinyaga University - **B.Sc. Computer Science.**
- **2013 - 2017:** Iruma Mixed Day School - **Kenya Certificate Secondary Education (KCSE)**
- **2005 - 2013:** Ngeru Elite - **Kenya Certificate of Primary Education (KCPE)**

### **REFEREES:**

**Mr. Fostine Opiyo Odhiambo-** HR Consultant and Former HR Manager Village HopeCore International

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