CURRICULUM VITAE

Name: Hugo Louis Muriuki

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Portfolio Website: <https://louismuriuki.vercel.app/>

GitHub: <https://github.com/LouisMuriuki/>

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**Personal Statement**

My name is Louis Muriuki, an accomplished Information Technology graduate from Kabarak University, Kenya, with a strong foundation in technology and a keen focus on innovation. My passion lies in leveraging technology to streamline operations and address real-world challenges, ultimately enhancing efficiency and productivity.

With a specialization in Web and Mobile Development, proficient in TypeScript and JavaScript, I possess over four years of experience in crafting sophisticated full-stack web applications utilizing React and Node JS. My expertise extends to developing cross-platform mobile applications with React Native, showcasing my versatility in modern software development. You can explore my extensive portfolio and contributions on my GitHub profile <https://github.com/LouisMuriuki/>.

**Educational Qualification**

**2018-2022:** Kabarak University (Bachelor of Science in Information Technology)

**2018-2018:** Jordan College of Technology (Certificate in Computer Networking)

**2018-2018:** Jordan College of Technology (Certificate in Computer programming)

**2018-2018:** Thika Institute of Business study (International Computer Driving License certificate)

**2014-2017:** Matiliku Boys high School

**Qualification:**  Kenya Certificate of Secondary Education, Mean grade C+ with A in Computer Studies.

**Work Experience**

**1. IT Specialist, Ministry of Interior January 2020-April 2020**

**Responsibilities:**

* Data Entry
* Resolving and troubleshooting Network issues.
* Receiving and configuring new computing devices

**2. Freelance developer MAY 2020 – CURRENT**

**Responsibilities:**

* Leverage design and functionality know-how to manage end-to-end website development projects.
* Worked with advanced web development technologies like **React, Node, Express, Rest API, MongoDB and PostgreSQL.**
* Collaborated with front-end architects and updated **5+** applications to improve performance by **12%.**
* Developed a chat bot using **Node.JS and Socket.IO, React and Open AI**
* Initiate small web projects independently and contributed to large team effort on others.
* Complete technical development and application tasks per approved project standards and allocated budgets.
* Used **Swagger UI** to document third party restful web services.
* Create sites and implement special features to achieve functionality outlined in project designs.
* Create & Managing buckets on **S3 and store DB and logs backup, upload images for CDN server**.
* Setup databases **on Amazon RDS or EC2** instances as per requirements.
* Used **AWS Lambda, API Gateway, DynamoDB and Security Token Service (STS**).
* Used **Lambda, DynamoDB, S3 bucket** to reduce the loading times.
* Use **Redis** to cache data for maximum application performance
* **Tools:** Visual Studio code, ant design, Postman, MongoDB, Expo, GitHub, React, Node, React Native, AWS

**Latest Project- Mgeni Karibu**

**Company - Origami Tech**

Lead development of a custom visitor and meetings management system for commercial institutions. It is now in the market used around Nairobi.

Google playstore-<https://play.google.com/store/apps/details?id=com.muriuki.mgenikaribu> -build with React native

Apple app store link-<https://apps.apple.com/us/app/mgeni-karibu/id6447914133?platform=iphone>

Admin Dashboard-<https://mgeni-karibu.vercel.app/>

Delivered date: April 2023

**3. React Web developer internship at Switch Tv Kenya OCTOBER 2021 – JANUARY 2022:**

**Responsibilities**:

* Redesigned sections of the switch Tv website to create user-friendly, visually appealing experience, increasing daily traffic **20**%.
* In 2+ projects, applied optimization techniques to reduce page size and load times **by 15%** to enhance user experience.
* Tested and optimized **50+ React components** for best performance across every device and browser.
* **Designed, developed, tested** and worked on E-plus Kenya mobile web application
* Utilized CSS frameworks such as **Tailwind CSS** to create a consistent look and feel across all websites.
* Worked on Kenya Red Cross Training Institute Website
* Performed maintenance and updates on the **Boma Inn Website**
* Leveraged design and functionality know-how to manage end-to-end website development projects.

**Tools:** Visual Studio 2019, Visual Studio code, Sublime, Adobe XD, GitHub, FileZilla

**4. Working on a Startup Project (Bizplus P.O.S System) SEPTEMBER 2022** – **CURRENT:**

On play store: <https://play.google.com/store/apps/details?id=com.muriuki.BarPointApp&pli=1>

**Responsibilities:**

* Building a Mobile application and dashboard for the Point-of-sale system
* Designed, developed and deployed a mobile POS software to meet business needs.
* Planned test schedules or strategies in accordance with project scope or delivery dates.
* Developed software solutions by studying information needs and conferring with users.
* Worked alongside internal business partners to compile requirements, build prototypes and design complex solutions to current and expected software demands.

**Tools:** Visual Studio code, ant design, Postman, MongoDB, Expo, GitHub, React, React Native

**5. Software Test Engineer NOVEMBER 2022 - JANUARY 2023:**

**Responsibilities:**

* I was tasked with **testing and identifying bugs** around the new version of the Monadd application.
* **Modelled and simulated code** development to aid in testing and validation procedures.
* Analysed requirements allocated to computer software configuration items to better understand requirements and goals.
* I also tested **for user interface and user experience inconsistency** in multiple browsers, operating systems and breakpoints.
* Designed, **developed, maintained** and executed **automated software tests** to qualify embedded software products.
* We used tools such as **Slack, Trello, Postman, and chrome dev Tools**

**5. Software Engineer (Front-end Lead) JUNE 2023 -CURRENT**

**Responsibilities:**

* My primary responsibility is to develop the Cashlet mobile application using React Native. This includes **writing clean, maintainable, and efficient code** to implement the app's features and functionality.
* Integrate **APIs and web services** into the mobile app to **fetch data** and interact with the server.
* Implement the **user interface (UI) and user experience (UX) designs** provided by the design team.
* Leverage React Native's **cross-platform capabilities** to write code that works seamlessly on both **iOS** and **Android** devices
* Implement state management solutions like **Redux** to manage the application's state effectively
* Identify and **fix bugs**, **crashes, and issues** reported by users or through error tracking tools.
* Set up and maintain **CI/CD pipelines** to automate the **build, testing, and deployment** of the app to their respective app stores.
* Use **version control** systems (e.g., Git) to manage and collaborate on the codebase with other team members

**Tools:** Visual Studio code, android studio, Firebase, Postman, GitHub, React, React Native

**Key skills**

* Web development (JavaScript, TypeScript, ReactJS, NodeJS, ExpressJS)
* App Development (React Native, Expo)
* Cloud Development (AWS, Docker, Kubernetes)
* Prompt Engineering (Chat GPT)
* Databases (Mongo DB, Firebase, Postgress)
* APIs (REST API & GRAPHQL)
* Web and App design (Adobe XD, Figma, Visily)
* WordPress
* IT Support

**Abilities**

* Self-motivated, hard worker and enthusiastic in writing code
* Creative and Attention to detail.
* Working Well with the development team with or without pressure.
* Disciplined, responsible and trustworthy.
* Fast learner in skills am required to know
* Good communicator and a team player.
* Strong ability to read and understand information and ideas presented in writing
* Able to meet strict deadlines.

**Interests**

* Cooking, Swimming, hiking
* Fashion
* Body building, amateur powerlifting

**Referees**

Mr. Larry Okubasu

Web developer, iPay Africa

Mobile 0723911932.

Nairobi.

Mr. Joseph Rwanda

CEO, Mgeni Karibu

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