CURRICULUM VITAE

Name: Hugo Louis Muriuki

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Portfolio Website:

<https://louismuriuki.dev/>

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

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**Personal Statement**

My name is Louis Muriuki, a software developer based in Nairobi, Kenya, with **five** years of experience delivering production-ready code.

My expertise lies in the **Mobile** and **Web** ecosystem, where I build mobile applications using **Kotlin** and **React Native/Expo**, develop web applications with **React** and **Next.js**, and set up backend services with **Node.js**. With a keen eye for detail, I can identify and resolve issues before escalation, ensuring smooth development and **optimal** customer experience

I have a bachelor’s degree in Information Technology, and I have applied my skills by collaborating on building a few Kenyan startups. As such, I've developed a strong understanding of the commitment and adaptability required to succeed, turning me to a **dedicated** **professional** as both an individual contributor and a collaborative team player.

**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. Lead Mobile Developer - Cashlet**

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.
* 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 and offer **one on one support** to clients when needed.
* Set up and maintain **CI/CD pipelines** to automate the **build, testing, and deployment** of the app to their respective app stores.

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

**2. Software Test Engineer - Monadd**

NOVEMBER 2022 - JANUARY 2023

**Responsibilities:**

* Designed, developed, maintained and executed **automated software tests** to qualify embedded software products.
* **Analysed requirements** allocated to computer software configuration items to better understand requirements and goals.
* Developed and executed **comprehensive test plans** and test cases for web and mobile applications.
* **Collaborated** with development teams to identify and resolve software defects through systematic testing and debugging.

**Tools**: Slack, Trello, Postman, and chrome dev Tools, internal debuggers

**3. Working on a Startup Project (Bizplus P.O.S System)**

SEPTEMBER 2022

On play store: [BizPlus App](https://play.google.com/store/apps/details?id=com.muriuki.bizpluspos)

**Responsibilities:**

* Develop a cashier **Mobile application** and admin analytical **dashboard** for the Point-of-sale system.
* Develop a **backend service** and set up a **database** to power the Point-of-sale system.
* Integrate external and the backend APIs to the respective clients to support smooth communication.
* Worked with close communication with early users to better understand requirements, improve features and fix bugs.
* 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

**4. Web Developer Internship - Switch Tv Kenya**

OCTOBER 2021 – JANUARY 2022

**Responsibilities**:

* **Collaborated** with other developers to redesign a 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.
* Performed maintenance and updates on the **Boma Inn Website**
* **Tools:** Visual Studio 2019, Visual Studio code, Sublime, Adobe XD, GitHub, FileZilla

**5. Freelance developer**

MAY 2020 – CURRENT

**Responsibilities:**

* Leverage design and functionality know-how to manage end-to-end website development projects.
* Developed a chat bot using **Node.JS and Socket.IO, React.**
* Initiate small web projects **independently and contributed** to large team effort on others.
* Create & Managing buckets on **S3 and store DB and logs backup, upload images for CDN server**.
* Complete technical development and application tasks per approved **project standards** and **allocated budgets**
* Used **AWS Lambda, API Gateway, DynamoDB and Security Token Service (STS**).
* Used **Redis, Lambda, DynamoDB, S3 bucket** to reduce the loading times and increase maximum application performance.
* **Tools:** Visual Studio code, ant design, Postman, MongoDB, Expo, GitHub, React, Node, React Native, AWS

**6. IT Specialist, Ministry of Interior**

January 2020 - April 2020

**Responsibilities:**

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

**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. Stephen Mwachala

Backend Engineer, Cashlet

Mobile 0712441089.

Nairobi.

Other References available upon request.