# ISAAC KINYANJUI WAMBIRI

LinkedIn | GitHub | Website
+254750355 684 | isaacwambiri254@gmail.com

---

## EDUCATION

**TECHNICAL UNIVERSITY OF KENYA**                    **2019- 2023 (Final year)**
*Bachelor of Technology in Information Technology*
**KAHUHO UHURU HIGH SCHOOL**                         **2015 - 2018**
*Kenya Certificate of secondary education*
**GITIBA PRIMARY SCHOOL**                            **2007 - 2014**
*Kenya Certificate of Primary education*

---

## WORK EXPERIENCE

**JOWA KIROGO & ASSOCIATES |** Web developer - contract        **Feb – August 2023**
*Domain – Web development*
**Tech stack: ReactJS, HTML, Vanilla JavaScript, Tailwind CSS, Figma, Adobe Illustrator**

- Studied the company's lifecycle and its services and developed the company website to reflect my findings on their passions, uniqueness and aesthetic.
- Added the company details to google maps and updated them through the API.
- Aimed at Increased customer interaction with their services using digital means by over 30%.

**VISUALONE SUPPLIES LTD |** Web Development Intern           **Oct 2021 - Sep 2022**
*Domain – Full Stack Development*
**Tech stack: MongoDB, NodeJS, Express, React, Redux, Material UI, Tailwind CSS.**
- Was the full-stack engineer who was tasked with developing backend API technologies for the company.
- Accelerated development time by 20% using (Scrum) Agile Methodology.

---

## RECENT PROJECTS

**BLOCKCHAIN BASED MEDICAL INSURANCE**                       **Jan 2023 – Ongoing**
*Domain - Web Development and Blockchain*
**Tech stack: flask, Ethereum, Solidity, NextJS, NodeJS, Metamask**

- Leveraged Ethereum blockchain for decentralized data storage and smart contract execution, ensuring data integrity and security.
- Implemented Solidity smart contracts to automate and enforce insurance policies, claims, and payments, reducing the need for intermediaries.
- Designed a user-friendly frontend using NextJS and Tailwind to interact with the blockchain, enabling users to manage their insurance policies and file claims seamlessly.

**PROJECT HIKORE**   View Repo                               **Jan 2023 -**
*Domain – Web Development*
**Tech stack used: Refine, Express, NodeJS, React, NextJS**

- Designed and developed a dynamic payment processing website as a personal project using HTML, CSS, Next.js, SASS, and GSAP..
- Utilized Frontend Technologies to create an intuitive user interface for seamless payment processing on the web. Implemented Next.js for server-side rendering, SASS for efficient stylesheet management, and GSAP for animations to enhance user experience.
- The project showcases strong frontend development skills, including responsive design, efficient rendering, and engaging animations.

**TUK-STMS (Pre-Final Year Project)**   **View Repo**        **Sep 2022 - Jan 2023**
*Domain – Multi-User Full Stack Web Application*
**Tech stack: Laravel & MySQL | MongoDB, NodeJS, Express, React, Redux, Material UI**

- Led a team of four students to design, implement and integrate a system to collect, categorise and reply to student information requests and queries that would otherwise be handled manually.
- The student support system, dubbed – TUKSTMS has an inbuilt ticketing system to allow for student-department communication and ticket escalation as well.
- The system projects to reduce paper-based interactions between students and faculty by over 70%.

---

## SKILLS

**Programming Languages:** Python, JavaScript, C++, Visual Basic, PHP, Java, Kotlin
**Technologies:** NextJS, TailwindCSS, , Bootstrap, ReactJS, NodeJS, Natural Language Processing, Cloud Firestore, Django Rest Framework, Docker, JQUERY, HTML, CSS
**Version Control:** Git/GitHub
**Other Tools:** Figma, Corel Draw, Adobe Illustrator, Blender, Adobe Animate, MS Office Suite
**Language:** English, Kiswahili

## LEADERSHIP AND VOLUNTEERING EXPERIENCE
- Team Member of Google Developer Student Clubs - TUK
- Team Leader – TUK-STMS group project, VIRT-AI group project
- Team Runner up – Africa's Talking Hackathon – March, April 2023

## PERSONAL ATTRIBUTES AND SOFT SKILLS
- I am eager to learn and explore the corporate environment whilst actively seeking opportunities to gain professional experience.
- I am capable of handling significantly large workloads whilst being calm and collected under pressure
- Adaptable to new, challenging environments
- Strong oral and written communication skills nurtured from past experiences and interactions both in the university and with clients.

## HOBBIES AND INTERESTS

- Competitive gaming
- Reading fictional Literature

## REFEREES

Mr Fredrick Maina
Managing Director, VisualOne Supplies LTD
Cell: 0724 591 428

Mr Daniel Kirogo
Managing Partner, Jowa Kirogo & Associates
Cell: 0729 825 986

Mr Luke Okelo
Lecturer, Department of Computer science and Technology, Technical University of Kenya
Cell: 0723 650 683