

## John Muchire Waweru

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### PROFESSIONAL EXPERIENCE

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#### OpenTech Global Services Ltd

Nairobi, Kenya

*OpenTech Global is a technological company offering fintech solutions to digital lenders across Africa.*

#### Full stack software Developer (Frontend Heavy)

02/2024 – Present

As a software developer focused on implementing features across both frontend and backend, I achieved the following:

- Successfully implemented professional, user-friendly, and scalable dashboards for the Rahisi Cloud banking application (<https://app.rahisi.co/>). These dashboards display data to specific system users, including Credit Administrators, Relationship Officers, and Branch Supervisors.
- Reimplemented wireframes for a customer onboarding journey, significantly improving user interactivity and increasing the number of leads recruited by Loan Officers.
- Developed a callback center for call agents to confirm details on onboarded leads, enhancing lead validation and follow-up efficiency.
- Optimized slow UI components by implementing lazy loading techniques, pagination, and a suspense mechanism, resulting in faster load times and an improved user experience. □ Integrated bulk SMS APIs for consumption by other companies.

#### IlevaTech Systems Kenya

Nairobi,

*IlevaTech Systems is a rental management startup that I founded with the goal of improving rental management processes in Kenya, streamlining operations for property owners and managers.*

#### Full Stack Software Developer (Founder)

11/2023 –

02/2024

As a founder and a solo product developer, I achieved the following in a bid to solve an existing problem in property management in Kenya.

- Successfully developed and deployed a web-based system for rental management. □
- Successfully created a mobile application for tenant's to easily interact with house managers/ caretakers or landlords. □
- Created a simple website that would help market the startup. <https://ilevatech.vercel.app/> □

#### Technoprise Global

Nairobi, Kenya

*Technoprise Global is a US/Kenya based company that specializes in web and mobile accessibility.*

#### Midlevel Accessibility Software Developer

01/2023 – 10/2023

While at Technoprise Global, I was tasked with the following tasks: -

- Converting Figma designs to usable web applications using Next js.

- Consuming Rest API's and displaying data to fit designed interfaces.
- Crafting mobile applications using Expo (React Native).
- Fixing both accessibility and functional bugs on client's projects.
- Designing, Crafting and Testing Rest API using Laravel Framework.

While at technoprise Global, I was privileged to work as a web accessibility tester for a period of 1 year. I worked my way up from an accessibility tester to a software developer.

### **Web Accessibility Analyst**

01/2022 - 01/2023

Accessibility is the process of ensuring that applications are usable to people regardless of their disabilities. A web Accessibility Analyst basically tests an application against a set of given standards (WCAG). While working as a Web accessibility Analyst I was tasked with the following tasks: - □ Testing and accurately reporting bugs on Rally.

- Accurately setting up groundwork (Module capturing and use case scripting) for baseline testing.
- Appropriately marking up the status of tasks in Jira.
- Reviewing bugs reports for trainees and junior testers.
- Preparing Proof of concepts to new potential clients.

### **Kenya institute of Software Engineering**

### **Thika, Kenya Software Developer Trainer**

07/2021 - 12/2021

- Tasked with preparing lab manuals for android-Java Sessions.
- Taked with training web development students. (HTML, CSS and JavaScript)

### **Key professional Achievement**

- I was a part of the Team that developed the Inclusive Africa 2023 Website (<https://inclusiveafrica.org/>). The event was recognized as one of the best Overseas award. (<https://www.attendable.co.uk/attendable-shortlisted-for-best-overseas-conference-award/>).
- I developed a mobile application that interacted with an LLM to provide a platform for Inclusive Data Collection. The entire project (Not the mobile app alone) won an Accessibility innovation award (<https://www.unfpa.org/press/unfpa-announces-winners-accessability-innovation-challenge>).
- I was part of the team that developed the inABLE website. InABLE is a Kenyan/US based organization that empowers students with visual disability. (<https://inable.org/>).
- Developed Dashboards for Rahisi Cloud Banking System. Dashboards are crucial as they are the first pages to be seen by client on page load. They reflect the overall quality of the system.

### **EDUCATION**

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#### **Dedan Kimathi University of Technology**

*BSC Computer Science*

Grade. Second Class, Upper Division.

**Nyeri, Kenya**

06/2021

#### **Rongai Agri-tech High School**

*Kenya Certificate for Secondary Education (KCSE)*

### **ADDITIONAL INFORMATION**

**Technical Skills:** Object Oriented Programming, SQL Database, Basic Data Analysis, Post Hog analytics.

**Programming Languages:** Java, JavaScript, PHP, React JS, HTML, CSS, Tailwind CSS, Bootstrap, Next js, Laravel , Node js.

**Tools:** Git, GitHub, GitLab, GitHub Actions, WebHooks, Rest API, GraphQL, MYSQL, PostgreSQL, MYSQL workbench, Rally, Jira, Trello, Sequelize ORM.

**Interests:** Teamwork, Robotic Process Automation, Cloud , AI.

### **REFEREES**

Edwin Murimi.

Project Manager at Apprentice Cloud Limited 0704784868

James Gichiri.

Core Banking Application Developer at Equity Bank. 0746915427

Nicholas Nzovia

Backend Developer at  
RoamTech.0796182814.