

Newton Mboi Sakala

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SUMMARY

Experienced Front End Web Developer interested in social justice with over 4 years of hands-on experience designing, developing, and optimizing user-facing features for high-traffic websites. Proficient in HTML5, CSS3, JavaScript frameworks, and modern libraries such as ReactJS and NextJS. Adept at collaborating with cross-functional teams to deliver seamless, responsive, and scalable web applications. Passionate about improving user experience and committed to staying updated with the latest industry trends.

SKILLS

- Strong proficiency in JavaScript, TypeScript, ReactJS and NextJS for front-end development
- Good hands-on knowledge of Laravel, Ruby on Rails, and Django for back-end development
- Experience in CSS processors such as Sass
- Experience with front-end build tools, task runners, and bundlers. (Vite)
- Ability to use UI/UX design tools such as Figma, Photoshop, Canva
- Knowledge of HTML5, CSS3 and related web technologies
- Expertise in CSS libraries such as Bootstrap, Tailwind CSS, ShadCN UI
- Experience with Google Analytics and Webpack
- Expertise in development methodologies like Agile, Scrum
- Proficient knowledge of SQL Databases
- Familiarity with Microsoft Azure
- Experience in creating wireframes, prototypes, and user flows
- Knowledge about how to handle API such as REST, GraphQL
- Ability to write clean, maintainable, and efficient code
- Familiarity with SEO, web security protocols, page speed optimization, and Web Content Accessibility Guidelines
- Skilled in team leadership, project management, and agile software development methodologies
- Experience with GIT for version control and collaboration
- Excellent problem-solving skills and ability to drive technical innovation
- Effective communication skills for conveying complex technical concepts to both technical and non-technical stakeholders
- Adaptability to fast-paced environments and commitment to continuous learning
- Documentation and Knowledge Management
- Fluent in English

Projects

Concert Ticketing System - <https://concert-three.vercel.app/>

- This online platform allows people to purchase tickets for concerts. The system is a website that allows users to select tickets they wish to purchase and pay for them online. The system has Mpesa integration which allows users to pay for their tickets directly through the platform. Once the payment is completed, the ticket is delivered to the user via email.

KRAPMS - <https://krapms.apektechinc.com>

- KRAPMS is a system designed to process PAYE.

Solar Grove - <https://solargrove.apektechinc.com>

- Solar Grove is an e-commerce which only lists products and services.

Dashboard - <https://tours-dashboard.vercel.app/>

- Tour bookings management Dashboard

Blackie Outdoor - <https://outdoor-tours-teambuilding.vercel.app/>

- Blackie Outdoor is an online platform that offers team-building activities for groups and organizations. The platform provides a variety of outdoor activities such as adventure sports, team challenges, and team-building games that can be booked by teams and groups. The platform offers a user-friendly interface that allows users to browse and select team-building activities based on their preferences and requirements. Once users have selected an activity they can make a booking and pay for it.

EXPERIENCE

System Developer | JKUSDA

Nov 2022 - Jan 2023 | Juja

- Collaborated with a team of developers to build and maintain a large-scale e-ticketing system using React JS and Django
- Implemented new features and improved the overall performance of the platform
- Debugged and fixed issues reported by users on time
- Contributed to the design and implementation of the platform's REST API.

Key Accomplishments:

- Provided organizers with a streamlined way to manage ticket sales and attendance

IT Intern | NHIF

June 2018 - August 2018 | Huduma City Square, Nairobi

- Installation of new software and hardware and provided support to users experiencing technical difficulties.
- Identifying and resolving technical issues, performing routine maintenance tasks, and ensuring that systems were up-to-date and functioning correctly
- Provided customer service relations, resolving customer complaints and responding to inquiries.

Key Accomplishments:

- Developed technical skills, gained practical experience working with computer systems and learned how to provide effective customer service in a professional setting.

EDUCATION

Moringa School Certificate in Software Engineering	2022
	2021

Jomo Kenyatta University of Agriculture and Technology | Bachelor of Science in Mathematics and Computer Science

- Second-class upper

Volunteer Experience

- **Organizing Secretary, JKUSDA Finalists 2021:**
- Planned and coordinated events, managed budgets, logistics and communications
- Marketed and promoted events, managed teams and ensured common goals

Referees

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IT Department

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