

Sanderson Mwakamba Nyange

Software Engineer (Frontend)

Nairobi, Kenya

+254710221160

Email: sandersonnyange@gmail.com

[LinkedIn](#) | [GitHub](#)

Summary

Frontend Software Engineer with strong experience building high-performance, scalable, and user-centric web applications using React, Next.js, TypeScript, and modern JavaScript. Adept at translating complex UI/UX designs into clean, functional, and responsive interfaces. Strong background in performance optimization, API integration, cross-browser compatibility, and reusable component architecture. Proven ability to collaborate with cross-functional teams to deliver reliable, maintainable, and business-driven digital products.

Skills

Front-End Development

- **HTML5 & CSS3:** Expert in semantic HTML, responsive layouts, Flexbox, Grid, animations, and accessibility best practices.
- **JavaScript:** Strong command of DOM manipulation, asynchronous programming, events, modules, and modern syntax.
- **React** Advanced experience with functional components, hooks, state management, controlled forms, and component lifecycle.
- **Next.js:** Strong knowledge of routing, server-side rendering (SSR), static site generation (SSG), API routes, and performance optimization.
- **TypeScript:** Solid understanding of types, interfaces, generics, and enforcing type safety across React and Next.js projects.
- **Tailwind CSS:** Highly proficient in building responsive, scalable, and modern UI designs using utility-first

UI/UX & Design

- **Adobe Creative Suite:** Expertise in Photoshop and Illustrator for creating wireframes, mockups, and high-quality visual assets.
- **Typography & Color Theory:** Skilled in designing aesthetically pleasing web interfaces by applying principles of color and typography.

Other Technical Skills

- Understanding of client-side data fetching, caching, and error handling.
- Strong experience integrating RESTful APIs and GraphQL APIs into frontend applications.
- **Version Control:** Proficient in Git and GitHub for managing codebases and collaborating on projects.

Experience

Smart Applications Group International, *Software Engineer (Frontend)*

FEB 2025 – PRESENT

- Translated complex UI/UX designs and wireframes into high-performance, visually appealing, and fully responsive web applications using React, TypeScript, HTML5, CSS3, and Tailwind CSS.
- Built and maintained reusable component architectures using modern React concepts such as hooks, state management, and component lifecycle to ensure scalability and clean code structure.
- Optimized web application performance through code splitting, lazy loading, efficient rendering, and asset optimization, significantly improving load speed and user experience.
- Ensured cross-browser compatibility and responsive behavior across multiple devices and screen sizes.
- Wrote and maintained unit tests for key application components to improve reliability and reduce regression issues.
- Proficiently used Git and GitHub for version control, managing feature branches, pull requests, and production deployments.
- Regularly maintained project dependencies, resolved build conflicts, and applied best practices in modern frontend development.

Tavevo Water and Sewerage Company Ltd, *Voi IT Support Attachee*

OCTOBER 2022 – JANUARY 2023

- Installed, configured, and maintained both hardware and software systems to ensure optimal performance.
- Provided 24/7 support to users, partner agencies, and clients, ensuring system reliability and availability.
- Diagnosed and resolved network issues, managed LAN, WAN, and intranet security protocols.
- Troubleshoot technical errors, proposed solutions, and ensured the integrity, confidentiality, and availability of company databases.

Apprenticeship

ALX Software Engineering

OCTOBER 2022 – JANUARY 2025

Google IT Support

OCTOBER 2022 – JANUARY 2023

Education

Mount Kenya University, Thika *Bachelor of Science in Information Technology*

MAY 2019 – AUGUST 2024

Kenyatta High School, Mwatate *Kenya Certificate of Secondary Education (KCSE)*

FEBRUARY 2015 – DECEMBER 2018

Certifications

- Google IT Support Specialization
- Google Crash Course on Python