

JOSHUA KIBWAGE

Front-End Developer | React • Next.js • Performance • Cloud & SEO



Nairobi, Kenya



[Mail](#)



[Linkedin](#)



[GitHub](#)



[Portfolio](#)

PROFESSIONAL SUMMARY

Front-End Developer specializing in building **high-performance, scalable web applications** using *React, Next.js, and TypeScript*. Experienced in **performance optimization, SEO engineering, and cloud-enabled architectures**, with a track record of delivering production-ready products in fast-paced environments.

What I bring to engineering teams:

- **Problem Solving:** Strong debugging mindset with the ability to quickly identify issues and deliver reliable solutions
- **Full-Stack Collaboration:** Integrate front-end systems with **REST APIs, GraphQL services, and cloud infrastructure**
- **Performance Engineering:** Improve Core Web Vitals, Lighthouse scores, and application load times through modern optimization techniques

EXPERIENCE

Pazelgreen Technologies

Front-End Developer (Volunteer)

Ibadan, Nigeria

Jan 2026 - Present

- **Optimize page performance** using **Chrome DevTools** and automated scripts boosting reporting accuracy by 4% and cutting setup time by 25%
- Engineered **reusable UI components** using *React, Next.js, and TypeScript*, improving maintainability and accelerating feature development.
- Implemented **responsive interfaces** using *Tailwind CSS and modern CSS architecture*, ensuring consistent UX across mobile, tablet, and desktop.
- **Apply SEO best practices** including semantic HTML, meta tags, and structured data
- **Develop cross-platform components** with **React Native (Expo)** for future mobile expansion

Chakula Africa

Flutter Front-End Developer (Contract)

Nairobi, Kenya

Jan 2026 - Feb 2026

- **Built core front-end architecture** and **developed** a gamified home dashboard with **React** (points, challenges, rewards) **boosting** user engagement by 15% during pilot
- **Integrated REST APIs** for authentication, user data, and rewards **enabling** seamless onboarding and real-time tracking
- **Collaborated** remotely with design and product teams to **deliver** a functional MVP from concept to pilot in under 4 weeks

Business Web Solutions

Full-Stack Developer (Intern)

New Delhi, India

March 2025 - May 2025

- **Developed** responsive interfaces with **React** and **Next.js** for client projects **reducing** page load time by 30% and **improving** user satisfaction scores
- **Improved** front-end performance through optimization **increasing** Lighthouse scores from 75% to 90%
- **Deployed** production applications to **Vercel** using **React** and **GraphQL** **streamlining** release process and delivering new features to end users

EDUCATION

ALX AFRICA

ALX Front-End Pro Development

Nairobi, Kenya

Jun 2024 - Jan 2025

*Completed advanced training preparing for **industry-level front-end development** roles with expertise in:*

- Core Technologies: TypeScript, Next.js, React, React Native, Expo
- Styling & Design: SASS/SCSS, Responsive Web Design, GSAP, Front-End Design
- APIs & Data: REST APIs, GraphQL, PostgreSQL, Postman API
- Performance & Architecture: Systems Design, Web Performance, High Performance Web Sites, Front End Engineering Design (FEED)
- Web Standards: PWAs, SEO, Web Application Development, Web Interface Design

ALX AFRICA

ALX Front-End Web Development

Nairobi, Kenya

Jun 2024 - Jan 2025

- Completed **front-end** software engineering program
- Built projects with **HTML5, CSS3, JavaScript, React, Next.js, TypeScript, Tailwind CSS**
- Integrated **REST APIs, GraphQL**, and built **PWAs** and **React Native** apps

ALX AFRICA
AI For Developers

Nairobi, Kenya
Jun 2024 - Jan 2025

- Leveraged AI tools including Cursor AI and Anthropic Claude to accelerate development workflows and boost productivity
- Applied prompt engineering techniques to generate, refactor, and debug code across Next.js, React Native, React.js, and Vue.js
- Integrated AI-assisted development practices into the software development lifecycle (SDLC) for faster prototyping and smarter application building
- Explored vibe coding and modern AI-driven approaches to streamline full-stack development
- Strengthened debugging efficiency using AI-powered code analysis and suggestions

PROJECTS

Pagex
Front-End Developer

Ibadan, Nigeria
Jan 2026 - Present

- **Building** a multi-role platform with **Next.js**, **TypeScript**, and **Tailwind CSS** serving **Buyers, Sellers, Coordinators, Field Agents, Farmers, and Admins**
- **Developing** role-based dashboards that integrate with **microservices** via **REST APIs** and **React Query** for real-time data from **Marketplace** and **Coordination** services
- **Implementing** secure **JWT authentication** flows through the **Identity Service** enabling seamless login and role-based access control
- **Consuming** APIs to display product listings, orders, tasks, and worker assignments **supporting** both marketplace transactions and farm operations

Gym AI Planner
Personal Project
[GitHub Repository](#)

Nairobi, Kenya
March 2026 – Present

- **Built** an **AI-powered fitness application** using **React**, **TypeScript**, and **Vite** that generates personalized workout plans based on user goals and equipment
- **Integrated OpenAI API** for intelligent workout generation and **Neon DB** with **Prisma** for **PostgreSQL** database management and data persistence
- **Implemented** goal-oriented features (muscle building, weight loss, endurance) with progress tracking for sets, reps, and weights

Certifications & Badges

- Implement Load Balancing on Compute Engine — *Nov 2025*
- Set Up an App Dev Environment on Google Cloud — *Nov 2025*
- Prepare Data for ML APIs on Google Cloud — *Nov 2025*
- Prompt Design in Vertex AI — *Dec 2025*
- *ALX FrontEnd Development* — Jan 2025
- ALX FrontEnd Pro Development — Oct 2025
- ALX Professional Foundations — Aug 2024

TECHNICAL SKILLS

- **Front-End Core:** Next.js, React, TypeScript, JavaScript, React Native, Expo, Zod
- **Styling & UI:** Tailwind CSS, SASS/SCSS, GSAP, Responsive Web Design, Front-End Design
- **APIs & Data:** REST APIs, GraphQL, PostgreSQL, Postman API
- **Performance & Architecture:** Web Performance, Systems Design, PWAs, Front End Engineering Design (FEED), High Performance Web Sites, SEO
- **Development Tools:** Git/GitHub, Postman, Cursor AI, Anthropic Claude
- **Cloud Platforms: Google Cloud Platform (GCP)** , Compute Engine, Load Balancing, Vertex AI, ML APIs, Cloud Development Environment