

Edwin Kirika Njuguna

Software Engineer | FullStack Developer

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📋 SUMMARY OF QUALIFICATIONS

I'm a software engineer with a strong foundation in frontend development and growing expertise in backend systems. Proficient in **React**, **Next.js 14**, **TypeScript**, **Node.js**, **Tailwind CSS**, and **MongoDB**. Recently, I led the development of **Kenstar**, a production-grade ecommerce platform — building and consuming **RESTful APIs** backed by **MongoDB**, integrating **Cloudinary** for media management, and deploying the full-stack app on **Vercel**. My transition from frontend to full-stack has been shaped by hands-on experience building real-world applications. With a background in graphic design, I bring a keen eye for user experience, crafting interfaces that are both functional and visually compelling. I'm passionate about **clean architecture**, **scalable systems**, and delivering digital solutions that create meaningful impact.

🧠 KEY COMPETENCIES

Languages & Frameworks

- JavaScript (ES6+), TypeScript, React.js, Next.js 14

Backend & APIs

Node.js, Express.js, Payload CMS, MongoDB, REST APIs, GraphQL, Docker & Docker Compose

Frontend & UI/UX

Tailwind CSS, Bootstrap, Responsive Design, UI/UX Principles, Figma, Adobe Creative Suite

Tools & Practices

Git & GitHub, Vercel, .env Configuration, Merge Conflict Resolution, Agile Workflow, Scrum, Code Reviews, Manual Testing, Postman, Unit Testing (Jest), Cloudinary

👛 PROFESSIONAL EXPERIENCE

Market Outliers Limited

Frontend Engineer → Full Stack Developer
(Additional responsibilities in graphic design and social media strategy)

08/2023 – Present | Nairobi, Kenya

- Initiated as a frontend developer focusing on building responsive, visually engaging UIs using **React**, **Tailwind CSS**, and design prototypes from Figma.
- Applied object-oriented programming principles and handled Git-based collaboration in real-world projects.
- Gradually transitioned into a full stack role by leading the development of **Kenstar**, a scalable production-grade ecommerce built with **Next.js 14**, **Node.js**, **Cloudinary**, **Restful APIs**, and **MongoDB**.
- Engineered features such as authentication, media management, and dynamic content modeling with secure REST and GraphQL APIs.
- Oversaw Git workflows and deployment readiness, ensuring clean version control and maintainable codebases.
- Contributed to client marketing efforts by creating custom graphics and visuals using Adobe Creative Suite (Photoshop, Illustrator) to support web content, advertisements, and social media promotions.
- Engaged in regular code reviews and project updates to ensure consistency, adherence to design standards, and alignment with client requirements, resulting in streamlined project workflows and increased client satisfaction.

Real Biz Digital

Software Engineer (Internship)

01/2023 – 07/2023 | Nairobi, Kenya

- Shaped user experiences for web and mobile by collaborating on UI/UX design through Figma, creating interfaces that are not just functional but engaging and intuitive.
- Led hands-on research into customer feedback to fine-tune user journeys, helping transform insights into impactful design choices that resonate with users.
- Developed dynamic web and mobile applications, focusing on clean, responsive design and optimized performance to deliver seamless, user-friendly experiences.
- Passionate about growth, constantly diving into personal development activities and avidly exploring books to keep skills sharp and stay ahead in design and technology trends.



EDUCATION

Bachelor of Science in Applied Computer Technology

United States International University - Africa
Concentration: Software Engineering



SELECTED PROJECTS

Raleigh motorbikes [↗](#)

A Motorbikes' website for Cars r us a showroom in Nairobi

Aquosys limited website [↗](#)

A website for a water solutions company

EddPets [↗](#)

An E-commerce website for a pet store

Delpro Ceramics [↗](#)

A company dealing ceramics and hardware products

Kenstar [↗](#)

Tech Stack: Tailwind, React, Next.js 14, Nodejs, Restful APIs , MongoDB, Cloudinary, Vercel.

Architected and implemented a production-grade eCommerce platform using the **Next.js 14 App Router**, featuring **secure authentication, dynamic RESTful APIs**, and **MongoDB-backed data models** for real-time product and order management. Engineered **media handling workflows** with **Cloudinary**, enabling optimized, scalable image uploads and retrievals. Employed **Jest** for **unit testing critical API routes**, and designed **CI-ready Git workflows** to enforce quality gates and streamline deployment. Deployed the application on **Vercel**, configuring environment variables for staging and production, ensuring secure and seamless full-stack delivery.