

# Muturi David

Software Engineer

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## EDUCATION

**Kenyatta University**

*B Sc*

Nairobi, Kenya

*Aug. 2021 – Dec. 2022*

## EXPERIENCE

**SWE Fellow**

*Headstarter AI*

Jul. 2024 – Present

*Track C (Virtual)*

- Developing and deploying multiple solo and team projects, including a personal website, pantry tracker, AI customer support system, and AI-powered flashcards and Stripe integration.
- Worked with technologies including HTML, CSS, ReactJS, NextJS, Firebase, OpenAI API, and AWS.
- Collaborated in teams to build scalable and efficient web applications, culminating in a final project and presentation.

**Full Stack Developer**

*Freelance*

Jan. 2024 – Jun. 2024

*Remote*

- Designed and implemented dynamic websites and web applications using React, Next.js, Node.js, and MongoDB.
- Built RESTful APIs and integrated with third-party services to enhance functionality.
- Collaborated with clients to deliver custom solutions tailored to their business needs.

## PROJECTS

**AI Flashcards SaaS**

Aug. 2024

Next.js, Clerk, Firebase, OpenAI, Stripe

- Built a flashcard SaaS application with authentication, payment integration, and OpenAI-powered flashcard generation. **Demo:** <https://flash-cards-five-xi.vercel.app/>.
- Implemented CRUD features with Firebase Firestore and handled subscriptions using Stripe.

**raZZo**

Apr. 2024

Next.js, Radix, Framer Motion, React Hook Form, Zod

- Designed a sleek, multi-page car hire landing page using Next.js, integrated with advanced UI components from Radix and React Three Fiber for a futuristic look. The project features responsive design, animations with Framer Motion, and form handling with React Hook Form and Zod.

**NextDevStarter**

Mar. 2024

Next.js, Shadcn, TypeScript, Zod

- A streamlined Next.js project, bootstrapped with create-next-app, featuring TypeScript, dark mode, responsive design, and essential utilities pre-configured for fast, efficient development.

**Car Inventory**

Apr. 2024

Next.js, Node.js, MongoDB, Shadcn UI, Tanstack Table, SWR

- Developed a full-stack CRUD application with Next.js for the frontend and Node.js with MongoDB for the backend. Utilized Shadcn UI, Tanstack Table, SWR, and React Hook Form for a responsive and dynamic UI, with features like search implementation, table pagination, and multiple pages.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS, Python, SQL

**Frameworks:** React.js, Next.js, Node.js, Express.js, TailwindCSS

**Tools:** Git, GitHub, Figma, Vercel, Firebase, Docker

**Concepts:** Object Oriented Programming, UI/UX Design Principles