



# Isaac Ikimi

## CONTACT

[My portfolio website.](#)

[Personal website.](#)

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Kenyan

## SKILLS

- HTML – CSS.
- JavaScript.
- React.
- Redux.
- Node.js.
- Next.js.
- Python.
- Progressive Web Application.
- Performance Optimizations.
- Secure Web Applications.
- Database Management.
- Docker.
- Testing.
- CI-CD.

## LANGUAGES

English

Fluent

Swahili

Native

## PROFESSIONAL SUMMARY

A Self-taught web developer skilled in HTML, CSS, JavaScript, React, Node, and Next.js. Proficient in database management, committed to optimizing performance through techniques like minification, lazy loading, and CDNs. Adept at securing web applications with HTTPS, CORS, and content security policies. Passionate about continuous learning and delivering high-quality code.

## PORTFOLIO

### Face Detection App

#### App Description

- Users can upload images, and the app intelligently detects faces using the Clarifai API.

#### Features Implemented

- ❖ **Seamless Frontend:** The frontend, built with React, offers a user-friendly interface for interacting with the app.
- ❖ **Backend Image Processing:** Node.js handles image processing on the backend, ensuring efficient face detection.
- ❖ **Database Integration:** PostgreSQL serves as the database, storing user data and processed images.
- ❖ **Secure Authentication:** User authentication is implemented securely using bcrypt hashing.
- ❖ **Containerization with Docker:** The entire app is containerized using Docker, allowing for easy deployment and scalability

### Esaaka Clothing

#### App Description

- A powerful React e-commerce application. Users can explore a curated selection of items, search for specific products, and securely make purchases using Stripe integration.

#### Features Implemented

- ❖ **Product Search:** The app allows users to search for specific products, making it easy to find what they're looking for.
- ❖ **Secure Purchases:** Integration with Stripe ensures secure and seamless payment processing for purchases.
- ❖ **React Router:** Routing with React Router enables smooth navigation between different pages within the app.
- ❖ **Firebase Authentication:** Seamless login authentication via Google Firebase enhances user security and trust.

### Esaaka Templates Store

#### App Description

- A Store with templates for portfolios, business and e-commerce.

#### Features Implemented

- ❖ **Payment Integration (PayPal & Stripe):** Seamlessly payment integration to facilitate secure hassle-free transactions.
- ❖ **Diverse Selection of Templates:** provides a curated collection of high-performance templates designed for portfolios, business, e-commerce etc.
- ❖ **Dark & Light Mode Toggle:** includes a built-in toggle feature that allows users to switch seamlessly between dark and light mode.

## Discover Coffee Shops Near You

### App Description

- A Next.js application. Where users can discover coffee shops near them.

### Features Implemented

- ❖ **Geolocation APIs:** Utilizes geolocation services to display nearby coffee shops, ensuring easy access to local spots.
- ❖ **Airtable API Integration:** Handles upvote data, recording and updating votes to maintain accurate tracking of user preferences.
- ❖ **Unsplash Integration:** Enhances visual appeal by sourcing high-quality coffee shop images for a better user experience.
- ❖ **Foursquare API Integration:** Provides essential details about coffee shops, including locations, hours, and user reviews, helping users make informed choices.

## Interstellar Missions Dashboard

### App Description

- A React and Node.js application that provides a comprehensive interface for listing and managing SpaceX missions.

### Features Implemented

- ❖ **SpaceX API Integration:** Fetches real-time mission data directly from SpaceX Api ensuring up-to-date mission details.
- ❖ **MongoDB Database Storage:** Stores and manages mission records efficiently, providing fast and scalable data retrieval.
- ❖ **Docker Containerization:** Uses Docker to streamline deployment, making the application portable and scalable across environments.
- ❖ **AWS EC2 Hosting:** Ensures reliability and scalability and also offering high-performance infrastructure for mission data management.

## Blog App

### App Description

- A Next.js application. where I share various articles on web development.

### Features Implemented

- ❖ **Static Site Generation (SSG):** Pre-renders pages at build time, which improves performance and SEO. This means that the pages are generated once and served to all users, ensuring fast load times.
- ❖ **Server-Side Rendering (SSR):** Renders pages on the server for each request, providing up-to-date content. This is useful for pages that need to display real-time data or personalized content.
- ❖ **Incremental Static Regeneration (ISR):** Allows static content to be updated after the site is built and deployed. This combines the benefits of SSG and SSR, ensuring that users get the latest information without compromising on performance.

## Monster Search

### App Description

- A React web application that allows users to explore a list of monsters.

### Features Implemented

- ❖ **Dynamic Monster List:** Users can explore a list of monsters, which is fetched dynamically from an external API.
- ❖ **Search Functionality:** The app provides a search bar where users can type in specific monster names to quickly find the desired information.
- ❖ **Interactive Experience:** By fetching data from the API, the app ensures an interactive and real-time experience for users.