James Njenga

Web Developer

CONTACT

Email: njengajames232@gmail.com

Portfolio: Portfolio Link

GitHub: KINYENJE

LinkedIn: JAMES NJENGA MBUGUA

SKILLS

- JavaScript, TypeScript, Python, React.js, Next.js, Node.js, Express.js, Tailwind CSS, HTML5, CSS3, Firebase, MongoDB, Mongoose, REST APIs, Docker, Content Management System (Sanity.io), State Management (Redux Toolkit), Mpesa Payment Integration, Stripe Payment Integration, Problem Solving, Agile Collaboration.

TECHNICAL SKILLS

- JavaScript
- TypeScript
- Python
- React.js
- Next.js
- Node.js
- Express.js

- Tailwind CSS

- HTML5

- CSS3

- Firebase

- MongoDB

- Mongoose

- REST APIs

- Docker

- Content Management System (Sanity.io)

- State Management (Redux Toolkit)

- Mpesa Payment Integration

- Stripe Payment Integration

- Problem Solving

- Agile Collaboration

EDUCATION

Currently pursuing a degree in Computer Science at the Jomo Kenyatta University of Agriculture and Technology.

Jomo Kenyatta University of Agriculture and Technology
2021 – 2025

ABOUT

My name is James Njenga.

I was born and raised in Kenya.

I am a software developer with a firm understanding in web development skills.

I am passionate and eager to collaborate with other developers to create amazing projects.

In addition to being software engineer, I also enjoy swimming and cycling with friends.

I also enjoy environmental conservation activities like tree planting.

WORK EXPERIENCE

Software Developer.

Institution: Jomo Kenyatta University of Agriculture and Technology

2024   - Present

- One of my major developments is that I led a team project to develop a smart mushroom farming solution that integrates IoT devices and Machine Learning to enhance yield prediction and promote climate-smart agriculture practices by avoiding deforestation.

  - To get a glimpse into this project you can visit:
    - https://jhubafrica.com/projects/ecoshrumz-smart-mushroom-farming/
    - LinkedIn Post

<u>Self-Employed</u>
2021 - Present

- Developed **fitness** <u>application</u> complete with an **AI Chatbot** using technologies such as : React JS, Tailwind Css, Mongodb , REST APIs , Mpesa payment that is aimed at helping combat the rising cased of obesity in the world that is more prevalent in women than in men. It will help women stay fit at the comfort of their homes or the gym as it provides several exercises depending on the target fitness strategy.

- Developed an **ecommerce app** for electronics using JavaScript, Next.js, Sanity CMS, and Stripe payment gateway.

- I have experience in the development of an AI powered **Article summarizer** using OpenAI's GPT API to help users digest long-form content efficiently.

- **Netflix Clone:** Developed a Netflix-inspired platform using React.js, Firebase Authentication, TMDB API, and Stripe for subscription management.

- Created a Nike e-commerce replica with Google OAuth and OTP phone authentication using Vite . Click Here to view site.

- **weather App:** Developed a real-time weather forecast app using JavaScript and a RESTful API hub.

- **Blog Website:** Created a dynamic blog platform using Next.js, TypeScript, Tailwind CSS, and Sanity CMS for content management.

KEY ACHIEVEMENTS

- Successfully integrated multiple payment systems (Mpesa & Stripe) in production-ready applications.
- Spearheaded a university-led project leveraging IoT and ML to promote sustainable agriculture.
- Built a portfolio of diverse applications demonstrating full-stack development proficiency and real-world problem-solving skills.