KENNETH KARIUKI

Software Engineer

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I am a software engineer who is eager to solve real world problems through technology with expertise in Python, Django, HTML, CSS, JavaScript, and React. Skilled in building responsive, user-friendly web applications with a strong focus on performance and accessibility. With excellent communication, teamwork, and time management skills. Passionate about creating seamless digital experiences and collaborating in fast-paced environments

PROJECTS

FinTrack Ai   *January 2025*

Fintrack AI simplifies finance tracking.

- Created Fintrack AI, a finance management tool for tracking income and expenses.
- Built with Next.js, Supabase, Prisma, SQL, ShadCN, and Tailwind CSS for a seamless user experience.
- Integrated AI features and currently working on a receipt tracker to simplify expense tracking.

Learning Management System   *Jan 2024 - Nov 2024*

CampoPrime enhances learning for campus students.

- Co-developed CampoPrime, a Learning Management System for college students, featuring online discussions, event updates, group meetings, and course marketplace for educators and students.
- Built the frontend with React and backend with Django, integrating a personalized AI assistant for customized study assistance and enhancing the overall learning experience

IPhone   *December 2024*

Part of Iphone clone store

- Developed an iPhone Clone Store using React.js, replicating Apple's product showcase and shopping experience.
- Integrated GSAP (GreenSock Animation Platform) for smooth and interactive animations, enhancing user experience.
- Utilized 3D automation libraries in React to create dynamic product displays and immersive visual effects.

PlainPad   *October 2024*

Plainpad simplifies your work and helps you manage your time effectively.

- Created PlainPad similar to a diary for managing notes and meetings.
- I used React Js for the frontend and Django for backend and for the communication of both backend and frontend I used Rest Api.

AirBnB clone   *August 2024*

The Airbnb clone has features similar to those of airbnb

- Built a comprehensive Airbnb Clone with HTML and CSS for the frontend, delivering a user-friendly interface.
- Developed the backend using Flask (Python) to handle user authentication, booking functionality, and API requests.
- Integrated SQL databases to manage user data, property listings, and booking information efficiently.

AREAS OF EXPERTISE

- Python
- Django
- C
- JavaScript
- React
- HTML
- CSS
- Typescript.

Tools And Technologies

- Version Control**:** Git and Github
- Development Tools VsCode, Postman
- CMS & OTHER: Wordpress, Supabase
- Collaboration & Methodologies: Agile.

PROFESSIONAL EXPERIENCE

Gloxad Academy   **Lagos, Nigeria**
Software engineer   *Mar 2024–July 2024*

- Contributed remotely to Gloxad Academy, a Nigerian EdTech startup, collaborating with a cross-functional team to ensure seamless frontend-backend integration and deployment.
- Worked primarily as a Frontend Developer, building user-friendly interfaces using HTML5, CSS3, and TypeScript.
- Optimized backend performance by improving database queries, API efficiency, and system scalability.

EDUCATION

AfricaHackon Academy   *Jan 2025 - present.*
Cybersecurity.

- Currently pursuing a cybersecurity bootcamp at Africahackon academy, where I am learning and getting hands-on experience in penetration testing & ethical hacking, cryptography, application security among other cybersecurity essentials.

Angaza Elimu   *Sep 2024 - Dec 2024*
Internet of Things

- Completed an IoT Fundamentals course covering the design, development, and deployment of IoT systems. Gained hands-on experience in working with sensors, microcontrollers, and data communication protocols, along with integrating IoT devices with cloud platforms for real-time data processing and analysis.

ALX Africa   *May 2023 - November 2024*
Software Engineering

- Completed an intensive Software Engineering program at ALX Africa, specializing in Backend Engineering. Gained hands-on experience in API development, database management, and server-side technologies while mastering Python, C, JavaScript, SQL among others, alongside problem-solving, communication, and collaboration skills.

COURSES

- Software Engineering Development Fundamentals [Link](#) CodeAcademy | May 2023
- Cybersecurity Essentials Hack the box | January 2025
- Cybersecurity Essentials | [Link](#) TryHack me | February 2025
- ALX Ai Starter Kit | February 2025