



Emmanuel Makau

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Skills

- Python, JavaScript, Typescript, C
- REST APIs
- Git, Prisma, Vercel.
- MongoDB, MySQL, PostgreSQL
- Django, React, Next js 14
- Computer Skills

Websites, Portfolios, Profiles

- [Portfolio](#)
- [LinkedIn](#)
- [GitHub](#)

Passionate Full Stack Developer (Age 23) with extensive experience in building and deploying business-level applications using modern frameworks like Django, React, and Next.js 14. Proficient in languages such as Python, JavaScript, TypeScript, and C, with solid knowledge of front-end technologies like Tailwind CSS, Bootstrap, HTML, and CSS. Experienced with databases like MongoDB and MySQL. Proven ability to lead projects in e-commerce, rental platforms, and job hiring systems. A highly motivated individual committed to delivering efficient, scalable, and user-friendly software solutions.

Work History

Full Stack Software Engineer

*Freelance / Open Source Contributor,
Nairobi, Kenya*

January 2024 - Current

- Developed and maintained multiple business-level applications using Next js 14, Django, Typescript, Javascript, and MongoDB, Django, and MySQL.
- Led design and implementation of scalable e-commerce websites, apartment rental platforms, and job hiring platform
- Integrated secure payment gateways and third-party services into web applications
- Contributed to open-source projects and collaborated with global developer communities.

Education

Dedan Kimathi University of Technology at Nyeri, Kenya

Bachelor of Science in Mathematical Computation September 2021

Achieved a certificate of excellence for academic performance.

Certifications

Excellence Certification for Academic Achievement

Projects

1. E-Commerce Website & Dashboard

- **Technology:** Next.js 14, Javascript, MongoDB
- **Description:** Designed and built a responsive e-commerce platform and admin dashboard. Implemented product management, order tracking, and payment processing features.

Live Site: <https://e-commerce-market-site.vercel.app/>

2. Apartment Rental Site & Dashboard

- **Technology:** Next.js 14, Javascript, MongoDB
- **Description:** Created a full-featured rental platform for property listings and bookings. Integrated interactive maps, search functionality, and user authentication.

Live Site: <https://apartments-site-rental.vercel.app/>

3. Doctor's Appointment System & Dashboard

- **Technology:** Next.js 14, Javascript, MongoDB
- **Description:** Developed a medical appointment booking system with user authentication and notifications. Implemented an admin dashboard for managing doctors, schedules, and patients.

Live Site: <https://healthcare-project-sepia.vercel.app/>

4. Job Hiring Platform & Dashboard

- **Technology:** Django, PostgreSQL, MySQL, React
- **Description:** Built a job board for posting and managing job vacancies with applicant tracking features. Developed both front-end and back-end with full CRUD functionality.

Live Site: <https://jobs-frontent-react.vercel.app/>

Volunteer Experience

Active contributor to open-source projects, improving accessibility and performance of several community-based applications.

Volunteering

Backend and frontend development for school project and community services projects.