

# Emmanuel Makau

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[GitHub](#)

[Portfolio](#)

## Dedicated Full stack developer

With a strong foundation in front-end and back-end technologies, including HTML, REST APIs, Python, and JavaScript. Proficient in Next.js 14, Node.js, and MongoDB. Experienced in developing user-friendly software solutions and leading projects in e-commerce.

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## Work Experience

### Full Stack Web Developer

***Dedan Kimathi University of Technology – site***

*January 2024 to October*

- Junior Full-Stack Developer with one year of experience building sports and club sites, helping Dedan Kimathi University of Technology achieve a 50% increase in event participation and a 30% boost in administrative efficiency.
  - Skilled in streamlining event management and enhancing user engagement across university platforms.
  - Developed and maintained software applications using C, Python, JavaScript, and TypeScript. Authored technical documentation, including design specifications, API documentation, and user manuals
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## Projects

- **E-Commerce site & Dashboard**

Designed and built a responsive e-commerce platform and admin dashboard. Implemented product management, order tracking, and payment processing features. Technologies used include Next.js 14, JavaScript, and MongoDB. This project is part of my portfolio.

- **Apartment Rental Site & Dashboard**

Created a full-featured rental platform for property listings and bookings. Integrated interactive maps, search functionality, and user authentication. Technologies used include Next.js 14, JavaScript, and MongoDB. This project is part of my portfolio.

- **Doctor's Appointment System & Dashboard**

Developed a medical appointment booking system with user authentication and notifications.

Implemented an admin dashboard for managing doctors, schedules, and patients.

Technologies used include Next.js 14, JavaScript, and MongoDB. This project is part of my portfolio.

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## Education

### **Bachelor of Science in Mathematical Computation**

#### ***Dedan Kimathi University of Technology - Nyeri, Kenya***

September 2021 to September 2024

- Gained foundational skills in web development, specializing in full-stack technologies like Django and React.
  - Developed a sports and club management site, improving user engagement and streamlining event coordination for the university.
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## Skills

- Frontend: HTML, JavaScript, TypeScript, React, Bootstrap
  - Backend: Python, Django, Node.js, REST APIs, Next.js, JSON
  - Database: MongoDB, Prisma, PostgreSQL Other: Git, C
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## Languages

English - Fluent

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## Certifications and Licenses

### Academic Excellence

September 2023 to September 2024

- Excelled academically in a web development-focused degree, earning recognition for outstanding performance.