



Collins Omollo

Full Stack Developer

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👤 PROFILE

I am a highly motivated **Computer Science student** with a strong foundation in **web and mobile development, artificial intelligence, and software engineering**. Skilled in **Python, Dart (Flutter), JavaScript, and PostgreSQL**, I have experience building **scalable applications**, optimizing databases, and implementing **AI-driven solutions**.

Through hands-on projects, including **AI-powered fraud detection, smart water meter billing software, and a real-time weather app**, I have honed my ability to solve complex problems and deliver **user-centric solutions**. My passion for **innovation, teamwork, and continuous learning** makes me a valuable addition to any forward-thinking tech team.

🎓 EDUCATION

09/2022 – 04/2026
Juja, Kenya

Bsc. Computer Science

JKUAT [📄](#)

Currently pursuing a **Bachelor's degree in Computer Science**, where I have gained a strong foundation in **software development, algorithms, artificial intelligence, and database management**. Through coursework and hands-on projects, I have developed practical skills in **web and mobile development (Flutter, React.js), AI applications, and system optimization**. My education has equipped me with the technical expertise and problem-solving abilities to contribute effectively in real-world tech environments.

01/2018 – 03/2022
Kikuyu, Kiambu

KCSE

Alliance High School [📄](#)

Graduated from **Alliance High School**, one of Kenya's top institutions, where I developed a strong academic foundation in **mathematics, sciences, and computer studies**. I excelled in **problem-solving, logical reasoning, and analytical thinking**, which sparked my interest in **computer science and software development**.

During my time at Alliance, I actively participated in:

- **Computer Club:** Gained early exposure to programming, web development, and tech innovation.
- **Science & Math Contests:** Developed critical thinking skills and a passion for problem-solving.
- **Leadership & Teamwork Roles:** Engaged in group projects and collaborative activities, enhancing my communication and leadership abilities.

My high school experience instilled in me **discipline, resilience, and a passion for technology**, which continue to drive my academic and professional growth.

SKILLS

Programming

Python, C++, C#



Web Development

React.js



Mobile App Development

Flutter



Database Management

PostgreSQL



AI & Data Science

Machine Learning, OpenAI APIs



PROJECTS

09/2024 – 12/2024

Hospital Management System [🔗](#)

Developed a **web-based hospital management system** to streamline patient records, doctor appointments, and medical inventory. Key features include:

- **Patient registration & record management** for easy access to medical history.
- **Doctor appointment scheduling** with automated notifications.
- **Inventory & billing system** for efficient hospital resource management.
- **Admin dashboard** for hospital staff to monitor activities in real-time.

Built using **React.js, Node.js, and PostgreSQL**, this project demonstrates my ability to develop **scalable and secure web applications** for the healthcare sector.

04/2024 – 06/2024

Steak House [🔗](#)

Developed a **fully functional online ordering platform** for steak and other meats, providing customers with a seamless and interactive shopping experience. The website features:

- **User-friendly interface** for browsing various steak and meat options.
- **Secure online ordering system** with real-time cart updates.
- **Integrated payment gateway** for smooth transactions.
- **Responsive design**, ensuring optimal performance on desktop and mobile devices.

Built using **HTML, CSS, JavaScript, and React.js**, this project showcases my expertise in **web development, UI/UX design, and e-commerce functionality**.

01/2025 – 02/2025

Simple weather app

Created a **real-time weather forecasting app** that provides up-to-date weather information for different locations. Key features include:

- **City search functionality** to display specific weather conditions.
- **Live temperature, humidity, wind speed, and weather icons** powered by OpenWeatherMap API.
- **User-friendly and interactive UI** with animated weather effects.
- **Mobile-first responsive design** for optimal usability on all devices.

Built using **HTML, CSS, JavaScript (React.js), and OpenWeatherMap API**, this project highlights my ability to integrate **third-party APIs, create dynamic user interfaces, and handle real-time data**.