

Felix Odhiambo

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EDUCATION

Cooperative University of Kenya

September 2022 – September 2026

B.Sc. in Software Engineering

- Currently studying **Artificial Intelligence, Machine Learning, Database Systems, Software Design, and Web Application Development.**
- Coursework integrates **AI-driven software solutions, data processing, and system optimization**, aligning with practical projects such as the *Chipukizi VOD Cooperative System* and *Natural Language to SQL Converter*.

Karen, Nairobi

Projects And EXPERIENCE

Chipukizi VOD Cooperative Society

May 2025 – Current

Web development intern

Karen, Nairobi

- Architected a robust backend using Flask and PostgreSQL to handle over 200 concurrent simulations, resulting in a 40% improvement in system performance and data retrieval efficiency.
- Developed an interactive **React.js** dashboard that enhanced visibility into user activity and performance tracking, empowering managers to make data-driven decisions across **300+ projects**.
- Streamlined task management for a system handling over 1,000 tasks daily.
- Engineered a web application that automated and optimized simulation processes for **Chipukizi VOD Cooperative Society**, achieving a **30% boost in operational efficiency** and improved coordination among project teams.

Chini ya Dari Limited

June 2025 – July 2025

Web Development and Digital Marketing Optimization

Remote

- **Developed a dynamic web application** for **Chini ya Dari Limited**, a videography and photography firm, to **enhance digital marketing and client engagement** through an interactive online portfolio.
- **Implemented media showcase features** that allow seamless display of high-resolution videos and photo galleries, improving client visibility and portfolio accessibility across devices.
- **Integrated SEO optimization, analytics tracking, and social media automation**, resulting in a **45% increase in website traffic** and improved client conversion rates.
- **Built an intuitive content management interface** enabling the marketing team to easily update projects, publish blogs, and manage bookings without technical assistance.
- **Optimized backend performance** using **Flask** and **PostgreSQL**, ensuring fast content delivery and scalability for growing client demands.

TECHNICAL SKILLS

🔗 **Languages:** Python, JavaScript, HTML, CSS, Java, C

🌐 **Web Technologies:** React.js, Tailwind CSS, Node.js

☁ **Cloud & DevOps:** Docker, GitHub Actions, Linux/Unix

📦 **Backend Frameworks:** Flask, Springboot, Django, Django REST Framework

🗄 **Databases:** PostgreSQL, MySQL, MongoDB,

🧠 **AI/ML:** TensorFlow, PyTorch, OpenAI GPT

EXTRACURRICULAR ACTIVITIES

Cooperative University SDA| *Head Deacon*

April 2024 – Current

- Served as Head Deacon at Cooperative University SDA, overseeing worship logistics, coordinating church services, and leading a team of deacons to ensure smooth and reverent worship experiences.

THURDIBUORO SECONDARY SCHOOL| *School Captain*

Jan 2021 – April 2022

- Led the school's student council, facilitating communication between students and faculty to

enhance the educational experience.

CHRIST MESSANGERS| *Club Director*

January 2021 - April 2022

- Served as Chairperson of the Christian Community Club, coordinating community service projects, mentorship programs, and spiritual development activities for over 100 members.