

EDGAR ODHIAMBO

📍 Kenya | ✉️ edgarodhiambo19@gmail.com

🌐 [Portfolio Website](#) | 🔗 [GitHub](#) | 🔗 [LinkedIn](#)

PROFESSIONAL SUMMARY

Final-year BSc Computer Science student at Rongo University with hands-on experience in ICT support, full-stack web development, and networking. Passionate about software development, cybersecurity, and solving real-world problems through technology. Proven ability to troubleshoot hardware/software issues, develop functional web applications, and deliver user-focused solutions. Seeking opportunities as a Full-Stack Developer or Junior Software Engineer.

TECHNICAL SKILLS

- Programming Languages: Python, JavaScript, Java, HTML/CSS, Bash
 - Frameworks & Tools: Django, Tailwind CSS, Git/GitHub, VS Code, PyCharm
 - Networking & Security: Wireshark, Nmap, Kali Linux, Ethical Hacking, CCNA (in progress)
 - Operating Systems: Windows, Linux (Ubuntu, Kali)
 - Virtualization: VirtualBox, Hyper-V
 - Other: Microsoft Office, Formspree, Responsive Design, Bootable Media Creation
-

EDUCATION

Bachelor of Science in Computer Science
Rongo University — Expected Graduation: 2025

- Relevant Coursework: Software Engineering, Network Security, Data Structures & Algorithms, Functional Analysis
-

PROFESSIONAL EXPERIENCE

ICT Intern

Thika Technical Training Institute — Thika, Kenya

May 2024 – July 2024

- Diagnosed and repaired hardware issues in lab computers, including display and peripheral replacements.
 - Installed and configured operating systems (Windows/Linux) for optimal performance and security.
 - Troubleshoot network connectivity issues and set up printers across student labs.
 - Created bootable USB drives for system recovery and OS deployment.
 - Supported setup and management of computer-based exams, ensuring smooth ICT operations.
-

PROJECTS

QR Code-Based Attendance System (*Django, Python, HTML/CSS*)

- Developed a secure, role-based web application for tracking attendance using QR code scanning.
- Implemented user roles (Admin, Lecturer, Student) with Django authentication and session management.
- Streamlined attendance logging, reducing manual entry errors and saving time for academic staff.

AI-Powered Legal Advisor Chatbot (*Rasa, JavaScript, NLP*)

- Built a conversational agent providing Kenyan employment law guidance using Rasa and decision-tree logic.
- Integrated natural language processing (NLP) to improve user interaction and response accuracy.
- Designed for accessibility, helping users understand their rights without legal expertise.

Personal Portfolio Website (*HTML, CSS, Tailwind CSS*)

- Designed a responsive, mobile-first portfolio showcasing projects, skills, and contact information.

- Included downloadable CV, GitHub integration, and functional contact form via Formspree.
-

CERTIFICATIONS & TRAINING

- Cisco Certified Network Associate (CCNA) – In Progress
 - Software Engineering Scholarship – Power Learn Project (PLP July 2025 Cohort)
-

SOFT SKILLS

Problem Solving | Communication & Mentorship | Team Collaboration | Attention to Detail | Fast Learner

INTERESTS

Web Development & UI/UX | Cybersecurity & Ethical Hacking | Technical Support | Teaching & Tech Mentorship | Football