

ABEDNEGO WEKESA

INFORMATION TECHNOLOGY - INTERN



CONTACT

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LANGUAGES

- English (Fluent)
- Swahili (Fluent)
- Luhya (Partially)

HOBBIES AND INTERESTS

- Technology exploration
- Coding challenges
- Reading
- Mentorship
- Creative projects
- Fitness
- Self-learning

CERTIFICATIONS AND TRAINING

- Blockchain Fundamentals – Cyphrin updraft (Ongoing)
- Web Development – Free code camp
- MDatabase Management(mysql, mongoDb) - W3schools
- Git & Version Control
- AWS Certified Cloud Practitioner
- Oracle Cloud Infrastructure Certification



PROFILE

Motivated and versatile Computer Science undergraduate with a strong foundation in ICT systems, software development and technical support. Experienced in database management, user support, network security and system documentation through hands-on roles in both public and private sectors. Demonstrates excellent problem-solving skills, a keen eye for detail and the ability to adapt quickly to dynamic environments. Committed to delivering reliable and secure ICT solutions, while upholding high standards of professionalism and teamwork. Currently expanding expertise in blockchain and emerging technologies to align with modern digital transformation goals.



WORK EXPERIENCE

Internship

MAY, 2025 - PRESENT

Almared Recruitment Agency

- Developed a fully functional corporate system to aid and automate the company's recruitment process.
- Designed and implemented a modern, automated filing system using Python and PowerShell for efficient record management.
- Utilized SQLite to build a lightweight, cost-effective database for quick and reliable data access.

Freelancer

2023 - PRESENT

Remote jobs

- Created content for various websites, blogs and social media accounts.
- Collaborated with team members to develop creative ideas for upcoming projects.

Industrial Attachment

May, 2024 - August, 2024

Export Processing Zones Authority(EPZA)

- Designed MySQL databases for structured storage and efficient retrieval of research data.
- Created a web application for handling Excel-based reports, eliminating manual processes.
- Participated in system testing to ensure functionality, accuracy and performance.
- Implemented authentication and access control mechanisms to secure sensitive records.
- Collaborated with research and ICT teams to meet institutional reporting requirements.
- Gained exposure to ICT infrastructure and system troubleshooting in a public sector environment.

ACCOMPLISHMENTS

- Built research data system (EPZA)
- Integrated Daraja API
- Developed dynamic React/MySQL tools
- Mentored junior programmers
- Improved SQL report speeds

AWARDS & HONORS

- Top Attachment Performer – EPZA
- Dean’s List (2023, 2024)
- Hackathon Finalist (2023)
- Backend Dev Certificate
- Open Source Contributor

EXTRACURRICULAR & LEADERSHIP

- ICT club & tech communities
- Volunteer programming tutor
- Hackathon & seminar participant
- Led campus coding sessions
- Peer tech project contributor

REFERENCE

Dr. Erick Omuya
H.O.D CIT, Machakos University
+254 727 211 203

Mr. Rajula Jacob
ICT Officer, Export Processing Zones Authority
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Volunteer Work November, 2024 - March, 2025
Programming Tutor

- Mentored first-year students in C and C++ language to strengthen problem-solving skills.
- Guided students through data structures and algorithms to enhance technical proficiency.

Data Annotation July, 2022 - December, 2023
Remotasks

- Worked closely with project managers to develop timelines for completing data annotation tasks within specified deadlines.
- Researched new tools, technologies and techniques related to data annotation processes in order to improve efficiency and accuracy of workflows.



EDUCATION

BSc Computer Science October, 2021 - April, 2025
School of Engineering & Technology | Machakos University
Current GPA (First 3 Years): 3.227

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Computer Networks, Cybersecurity, Database Systems

Kenya Certificate of Secondary Education (KCSE) 2017 - 2020
Paul Boit Boys High School
Grade: B Plain (65 points)



TECHNICAL SKILLS

Software & Web Development

- Web Technologies: HTML, CSS, JavaScript, React.js, Vite
- Backend Development: Node.js, Express.js, RESTful APIs
- Database Design & Management: MySQL (with schema design), PostgreSQL, Firestore, MongoDB
- Version Control: Git, GitHub
- Systems Testing: Integration, functional, and component testing with tools like Postman

Professional & Analytical Skills

- Problem Solving & Critical Thinking
- Creative Thinking & Innovation
- Systems Analysis and Testing
- Project Management & Time Management
- Team Collaboration & Client Communication
- Customer Needs Assessment
- Market & Technical Research
- Content Writing & Technical Documentation
- Search Engine Optimization (SEO) Basics
- Software Proficiency: VS Code, phpMyAdmin, XAMPP, Docker