ABEDNEGO WEKESA

INFORMATION TECHNOLOGY - INTERN

CONTACT

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🔗 https://github.com/Abed25

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 securit 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

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.
- Identified needs of customers promptly and efficiently.
- Identified areas for improvement, narrowing focus for decision-makers in making necessary changes.
- Maintained positive working relationship with fellow staff and management.

Industrial Attachment| May, 2024 - August, 2024
Export Processing Zones Authority(EPZA)

- Developed backend systems using Node.js for internal data management, automating workflows.
- 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.
- Utilized Git and GitHub for version control, adhering to clean coding practices.
- Gained exposure to ICT infrastructure and system troubleshooting in a public sector environment.

Volunteer Work November, 2024 - March, 2025
Programming Tutor

- Mentored first-year students in Python, Java, C, and C++ 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, Firebase, 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