ASHRAF MOHAMMED HASSAN

Data analyst/ Backend developer

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Linkedin | GitHub | Portfolio

EDUCATION

Jomo Kenyatta University of Agriculture and Technology   Kiambu, Kenya
Computer Science Bachelor's Degree   September 2021 - May 2025

Mewa Vocational training center   Mombasa, Kenya
Computer Applications Certificate   June 2021 - August 2021
GPA: Distinction

Memon Academy High   Mombasa, Kenya
Secondary Education KCSE   January 2017 - February 2021
Percentage: 81 A%

Memon Academy Primary   Mombasa, Kenya
Primary Education KCPE   January 2007 - December 2016
Percentage: 413/500 A%

EXPERIENCE

Jomo Kenyatta University of Agriculture and technology | Internal Attachee   Kiambu, Kenya |
May 2023 - July 2023

> Engaged in an internal attachment within the university, gaining exposure to various facets of computer science. Collaborated with peers to develop a comprehensive School Management System tailored for a Madrassah. Contributed to the analysis, design and development phases of the project, ensuring functionality and user-friendliness.
> Project: https://github.com/Habib-Ashraf-Hassan/internal$attachment$project

JHUB Africa | Software engineer attachee   Kiambu, Kenya | May 2024 - August 2024

> Did my external attachment here, while gaining the necessary industrial skills needed, we worked on building a student freelancer platform , see more details at : https://kazikazini.jhubafrica.com/

SKILLS

Programming Languages:	Python, PHP, SQL, Java, HTML, CSS, Javascript
Libraries/Frameworks:	Matplotlib, Pandas, Numpy, Scikit, Bootstrap, React, Next, Tailwind, Scikitlearn
Tools / Platforms:	My SQL workbench, PHPmyadmin, Git, Slack, draw.io, Excel, Access
Databases:	mySQL

PROJECTS / OPEN-SOURCE

Adan Madrassah | Link   *HTML, CSS, Bootstrap, Javascript, mySQL, PHP*

> Its a Madrassah Management System ;a comprehensive web application developed using PHP, MySQL, HTML, CSS, and the Bootstrap CSS framework. It serves as an efficient tool for the administrators, teachers, registrars, and students of an Islamic learning institute (Madrassah). This system automates various tasks that were previously done manually, such as grading students, registering new students and teachers, and streamlining administrative operations.

HustleHub | Link   *HTML, CSS, Bootstrap CSS, Javascript, PHP, SQL*

> The project was to solve:
> - Residents in Juja find it difficult to locate and find skilled laborers (electricians, plumbers, carpenters, cleaners, laptop technicians) from a single point thus Hustle Hub will give our users an easy way to access any of the above technician from just an app.
> - Skilled laborers have a hard time to market themselves, thus the Hustle Hub Gives them a place to advertise themselves.

Swahili dishes restaurant | Link   *HTML, CSS, Javascript, PHP, SQL*

- This is a website made for Swahilidishes restaurant; a restaurant said to be located near JKUAT university which offers takeaway and sit-in services.
- Has a page for only authorized users to be able to view data in a table which stores the customers' order details

Kazi Kazini | Link *Next.js, Tailwind CSS, React.js, Django, Postgresql*

KAZI & KAZINI aims to address several challenges faced by both employers and skilled workers in the recruitment and employment process.

For employers, finding qualified and reliable personnel can be time-consuming and challenging, leading to project delays and increased costs.

On the other hand, skilled workers, especially those who are students or recent graduates, often struggle to secure meaningful employment opportunities due to a lack of visibility and connections within the industry or due to competition often experienced in other gig platforms

KAZI & KAZINI offers a comprehensive platform that bridges the gap between employers and students. The platform's core features are designed to streamline the hiring process, provide valuable opportunities for skill development and income generation, and foster a transparent and efficient marketplace for freelance work and projects.

CERTIFICATIONS

- Microsoft Azure Fundamentals - **Microsoft**
- Alteryx Foundational Micro-Credential - **Alteryx**
- Machine Learning Fundamentals Micro-Credential - **Alteryx**
- Alteryx Designer Core Certification - **Alteryx**
- Backend Web development with Node.js - **Devtown**
- Problem Solving skills - **HackerRank**
- SQL - **HackerRank**
- Python programming language - **HackerRank**
- Computer Applications(Ms word, excel, powerpoint, Access) - **Mewa Vocational Training center**
- KCSE - **KNEC**
- KCPE - **KNEC**
- Javascript Programming - **HackerRank**