

OMOLLO CLIFF OGANDA

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EDUCATION

Jomo Kenyatta University

B.Sc. Computer Technology

Egerton University September 2018- April 2020

B.Sc. Computer Science

SKILLS

Data Structures and Algorithms

Databases: MongoDB, Firebase, MYSQL, SQL

Languages: JavaScript, PHP, Python, C++, C#

Frameworks: Express, Laravel, React.js, Vue.js

Tooling: Git and GitHub, Azure DevOps, Docker, Kubernetes

PROJECTS

Ask AI

November 2023

A web application that allows users to interact with Ai asking questions and getting real-time responses has 3 capabilities, ask questions using text and get response from OpenAi API, upload audio file and get it transcribed to text using Deepgram API and get image descriptions using replicate API. The project UI is hosted on Azure Web Apps and the backend hosted on Render. Technologies Used are **Vue3**, **Pinia**, **Vue-Router** and Python [ASK AI](#)

TripuoVerse

January 15th - Present

I crafted a dynamic web application using Vue.js and Node.js, skillfully incorporating three essential APIs to enhance its capabilities. By seamlessly integrating OpenAI for text processing, Deepgram SDK for transcription, and Replicate for image analysis, the app delivers a seamless and comprehensive user experience. A standout feature includes the ability to transcribe text with Deepgram, followed by options to analyze or summarize the content using the OpenAI API. This project underscores my adeptness in harnessing diverse technologies to create a powerful and cohesive application [Work in Progress](#)

Insurance Agency Website

January 2023 – March 2023

Built an agency website that offers a seamless user experience with clear navigation, a compelling homepage, categorized services, a portfolio of past projects, an informative blog, and comprehensive contact and social media integration, ensuring mobile responsiveness, accessibility, and analytics for continuous improvement. [Forthwell](#)

Open Chat Forum – Lead Developer

May 2023 – present

Using **Vue.js** (**VueX** for State Management), **CSS** for styling and **Firebase** as a backend service, I am developing a web application that allows users to share ideas on similar interests. [project in progress](#)

Conference Speakers App

October 2023

Used **React** and **Context-API** for state management to build a web application that lists speakers selected for a session. You can toggle to show or hide the speaker's sessions. [Link to project](#)

Taifa Stay – Co-Founder and Backend Developer

July 2023 - present

Using **C Sharp** and **MongoDB** to develop a web application that will help students all over Kenya to ease their search for hostels. Responsibilities range from managing the project on **Azure DevOps**, data collection and backend development. ([Work in progress](#)).

Community Website – Team Lead

August 2023 – present

Building a dynamic Tech community website at Jomo Kenyatta University, enabling student registration, and facilitating Q&A interactions. The platform encourages active engagement with features like upvoting, downvoting, and comments, aiming to recognize and highlight the best answers through user-driven feedback. [Learn Code Grow](#)

LEADERSHIP AND COMMUNITY INVOLVEMENT

Young Scientists Kenya – Mentor

May 2023 – December 2023

Volunteered as a mentor at Young Scientists Kenya, specifically guiding Bahari Girls School students in the development of an "Automatic Road Accident Alerting System" from project initiation to completion.

Beta Microsoft Learn Student Ambassador

April 2023 – Present

Collaborating with other student campus leaders globally to organize virtual and in-person events that have impacted many students globally.

Club Chairman – JKUAT Computer Society

January 2023 - Present

Founded a computer club in my school to bring together students interested in technology. Grew the society from 13 initial members to 120 + through weekly meetups, workshops, and monthly speaker engagements.

CERTIFICATION AND LICENCES

Azure Fundamentals Certification

June 2023

Microsoft Azure Fundamentals Certified: [Verify Certification](#)