

# Henry Mwombeck Dioniz

## Basic Information

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- LinkedIn: [www.linkedin.com/in/henry-dioniz-99897924b/](https://www.linkedin.com/in/henry-dioniz-99897924b/)
- Birth date: 22/March/2002
- Language: Kiswahili & English



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## Summary Statement:

Passionate and self-motivated web developer with experience in building web applications and websites. Skilled in AI integration and using content management systems like Drupal. Always eager to learn and grow in a dynamic work environment.

## Core Qualifications

- **Languages & Frameworks:** HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS, Node.js
- **API Testing:** Postman, Thunder Client
- **Version Control:** Git, GitHub
- **Code Editor (IDE) & Environment:** VSCode, Sublime, Vim, Nano, Bracket
- **Distros:** Ubuntu, basics in Kali Linux
- **Shells:** Bash
- **Cloud & Hosting:** Vercel, Netlify
- **Databases & Storage:** MySQL, PostgreSQL, MongoDB
- **Content Management Systems:** Drupal, WordPress
- **Experienced in:** Web development, AI integration, problem-solving
- **Skills:** Strong communication, teamwork, quick learner, dedicated to continuous self-improvement

## Programming Languages

- **Basic Understanding:** C, C++, PHP
- **Proficient:** HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS, Node.js

## Education

- **Ordinary Diploma in Information Technology**, College of Business Education (CBE), Dar es Salaam, Tanzania (2021 - 2024)

- **Fieldwork:** Department of System and Network Engineering, University of Dar es Salaam Computer Center (UCC), Dar es Salaam, Tanzania (2023)
- **Secondary Education:** Ngenge Secondary School, Kagera, Tanzania (2017 - 2020)
- **Primary Education:** Ngenge Primary School, Kagera, Tanzania (2009 - 2016)

## Work Experience

- **Freelance Web Developer**
  - Developed various web applications and websites
  - Implemented AI integration for enhanced user experience and productivity
  - Utilized Drupal for content management system-based projects
- **Fieldwork at UCC Department of System and Network Engineering**
  - Created UCC Help Website to address staff issues and provide assistance to users

## Projects

- **SomaSmart**

An AI-powered chatbot designed to revolutionize the way students manage their notes. Allows students to take, edit, and search their notes in both English and Swahili. AI-driven capabilities quickly find specific information, provide concise summaries, and enable deep exploration of topics. Tailored to support students in Tanzania, SomaSmart adapts to various educational levels and fields of study, acting as a professional assistant to enhance learning efficiency and academic success.

- **CBE Chatbot Project**

Developed a web application called CBE AI to provide an interactive and informative platform for students, teachers, and potential applicants seeking information about the College of Business Education (CBE). Powered by the ChatGPT API, it offers a centralized, easily accessible source of information, functioning as CBE's customer service by providing prompt and accurate responses to user inquiries.

## Open source Packages

- **Swahili-English Translator**

A simple npm package for translating between English and Swahili. Provides quick and accurate translations, including word meanings, grammatical types, and usage examples. Suitable for developers building multilingual applications, language learners, or anyone working with Swahili and English content.

## Community Involvement

- Active attendee at developer communities including, GDG Dar es Salaam (Google Developers Groups)

## **Interests**

- Continuous learning and exploration of new technologies
- Watching documentation of successful tech companies and staying updated on the latest technological advancements and trends
- Listening to music and podcasts
- Writing weekly blog articles to share knowledge and experiences

## **Additional Activities**

- Selected by college to attend the Innovation Exhibition at Tanga, Tanzania called "MAKISATU 2024" from 24 April to 2 May 2024.
- Selected by college to attend the Sabasaba Exhibition at Dar es Salaam from 2 July to 13 July 2024 as an innovator.