# Esther Ndavi

## Software Engineer

**I am a software developer who is passionate about technical writing, contributing to open source organizations and building developer communities.**

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## WORK EXPERIENCE

### Technical Writer
**UgTechMag**

*04/2022 - Present*                        *Kampala, Uganda*

*UgTechMag is a technology consumer website in Uganda with a focus on providing reliable, resourceful and extensive information about technology products and service*

*Achievements/Tasks*

- Develop product manuals, how-to guides, website help sections, journal articles on current Tech News for Kenyan audiences. ⬈

### Backend Developer
**AfyaRekod**

*01/2022 - Present*                        *Nairobi, Kenya*

*AfyaRekod is a digital health data platform that focuses on the patient and allows health facilities to capture, store, have realtime access and mobilityof the patients health data.*

*Achievements/Tasks*

- Developed mobile application, web portal and APIs needed to build the AfyaRekod system.
- Integrated USSD API to the app using Golang, this resulted in a 30% increase of app users.
- Wrote automated tests for the backend effectively increasing test coverage from 75% to 95% reducing bugs by 10%.
- Worked on several app's packages: HMIS package, Diagnostic and Telehealth packages using Golang & Angular which resulted in 5 % revenue increase for the company.

### Software Engineer
**Sibasi ltd**

*06/2020 - 01/2022*                        *Nairobi, Kenya*

*Sibasi ltd is an ICT solutions and services company.*

*Achievements/Tasks*

- Developed client websites using HTML, CSS, JavaScript, Angular and NestJS. ⬈
- Incorporated SEO into clients websites increasing conversion rates by 10%.
- Developed backend APIs for both mobile and web apps for different clients such as AutoXpress Web, iOS and android apps, Point of Sale web app among others.
- Apart from development, due to good work on client's work, Maintained the respective apps and systems. This resulted in an increase in clients and revenue by 200%.

### Software Engineer Intern
**Sibasi ltd**

*01/2020 - 06/2020*                        *Nairobi, Kenya*

*Achievements/Tasks*

- Responsible for the development of Sibasi ltd online presence, the design of the website.
- Developed clients websites using JavaScript and Angular with guidance of the team lead.
- Worked on Microsoft Power Platforms(PowerApps, Office 365, Sharepoint development, PowerBI dashboards) for different clients such as ICDC, TDB, Growth Africa etc.

## TECH SKILLS

HTML5   ExpressJS   CSS3   Bootstrap5   Golang   SemanticUI   Python   JavaScript   Angular   Office365   React   NodeJS   Typescript   Mongo   MySQL   Ruby on Rails

## PROJECTS

**Weather App**

- Weather application uses openweather API, tracks your location, one can also type their location or search any location to see the weather conditions at the time of using it. Tech Stack: JavaScript ⬈

**ToDo App**

- A to do application where one can post their to do list, edit them, delete them and also add others. Tech Stack: JavaScript ⬈

**GitHub Finder**

- A GitHub application that uses GitHub API to find the GitHub users, their profiles including number of repositories and followers one has, if they can be hired or not and a chance to visit their profiles in GitHub. Tech Stack JavaScript ⬈

**Point of Sale**

- a place where a customer executes the payment for goods or services and where sales taxes may become payable. A POS transaction may occur in person or online, with receipts generated either in print or electronically. Cloud-based POS systems are becoming increasingly popular among merchants. Tech Stack: Angular, Golang ⬈

## CERTIFICATES

**Bachelor of Science in Geology (10/2017 - 09/2021)**
*Graduated with a Second Upper Class Honors at the University of Nairobi.*

**IT SUPPORT (02/2021 - Present)**
google-it-support-professional-certificate.jpg(Shared)- Adobe Document Cloud

**Fundamentals of Digital Marketing (06/2021 - Present)**
Digitalmarketing certificate.pdf(Shared)- Adobe Document Cloud

**Mobile Web Development (02/2021 - Present)**
GADS-Certificate2020.png(Shared)- Adobe Document Cloud

## ACHIEVEMENTS

**KamiLimu cohort 6.0 Mentee (08/2021 - 05/2022)**
*An Award-winning mentorship program that up-skills STEM university students with skills not taught in a classroom setup. I was one of the 37 mentees accepted into the program with a 21% acceptance rate.*

**Google Africa Developer Scholarship Program (06/2021 - Present)**
*Recognized as an outstanding Mobile Web Specialist(Angular) Mentor by Google and Andela.*

**KamiLimu ICT Innovation Competition (01/2022 - 05/2022)**
*Worked in a team of 3 and emerged the winners with our project "DDiVe" in the most competitive cycle yet. DDiVe is an AI Computer Aided Diagnosis software that enables the specialist to easily and swiftly diagnose various forms of diseases in MRI and CT scans with a much higher accuracy. This project also aims at reducing the time a patients gets to receive a diagnosis by making the scans easily accessible to specialists or doctors who can diagnose a patient from home.*