

# REAGAN NINGA

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## EDUCATION

Maseno University: BSc in Computer science · (2020 - 2024)

## SKILLS

**Databases:** PostgreSQL, MySQL, MongoDB, MariaDB .

**Languages:** Java, Python, Typescript.

**Frameworks (Libraries):** Reactjs, Nextjs, Django

**Environments:** Nodejs

**Tools:** Git and GitHub, ORMs, Slack, Postman, Table plus

## EXPERIENCE

*Junior Full Stack Developer- Nairobi, Kenya.*

*November 2023*

**Company:** Ex-cap international

**Position:** Full Stack Developer

**Period:** November 2023 (7 months)

**Details:** I work as a developer at this start-up company, I work as a junior developer on both the frontend and backend. I am also responsible for integration of natural language processing with our user interfaces.

- Make critical about the product development process in the backend.
- Implementing natural language processing micro-service to classify a text into a business class.
- Implementing assignments given to by senior developers.

**Tools-** Typescript (NodeJS), Nextjs, Asynchronous Programming, PostgreSQL, MongoDB, Python (Django).

*ICT assistant – Nyayo tea zones, Kenya.*

*May 2023- Aug 2023*

**Company:** Nzoia Tea zones cooperatives.

**Position:** ICT assistant on attachment.

**Period:** May 2024- Aug 2024 (3 months)

Responsibilities:

- ❖ Network Monitoring.
- ❖ Printer servicing.
- ❖ Staff Support
- ❖ Ethernet crimping
- ❖ Software installation and updating

## **PROJECTS**

*Agriflexpay –Lead Developer*

*Sep 2023 – Present*

This is a cross-platform project for managing agricultural projects, finances, customers (farmers), employees and inventory.

These are links to the repositories:

1. Backend Engine (<https://github.com/cortez-deb/agriflexpay-backend.git>)
2. Admin Dashboard (<https://github.com/cortez-deb/agriflexpay-adminDashboard.git>)
3. Field Portal (<https://github.com/cortez-deb/agriflexpay-fieldportal.git>)

**Tools:** Nextjs, Typescript (Nodejs), Reactjs, PostgreSQL.

*Business Classifier- Lead Developer*

*Feb 2025 –Present*

A natural language processing micro-service to classify a text into a business class. The essence of this is to ease the search functionality by customers to find the business and products they are looking for.

This is to be Intergrated with `collectives`, a service provided by s-ndbox, using a Django server.

**Tools:** Python, Django, PostgreSQL

This is an artificial intelligence classification model used to detect heart problems in a binary manner, given a predefined set of data. I trained and integrated it into a Django server to make it a single page web application.

Here are the links to the GitHub repository

- Backend (<https://github.com/cortez-deb/heartdisease-prediction-model-with--django.git>)
- Frontend (<https://github.com/cortez-deb/heartdisease-prediction-model-with-react-frontend.git>)

**Tools:** Python, Django, PostgreSQL, Reactjs.

## **References**

1. Calvince Opiyo  
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