



Brandon Munda

Full Stack Software Engineer

I am a recent graduate from Udacity having pursued a Nanodegree in FullStack Software Development. I am eager to join a software development environment to help develop, test, and debug various software effectively, ensuring the best end-user experience when working with the software we have developed. Strong theoretical and practical background in mathematics and design.

mundabrandon@outlook.com 

+254703676507 

Nairobi, Kenya 

[linkedin.com/in/Brandon Munda](https://www.linkedin.com/in/BrandonMunda) 

github.com/Bot-on-Tapwater 

EDUCATION

Full Stack Developer ALX Udacity

07/2022 - Present

Kenya

Courses

- Nanodegree Full Stack Web Developer

Structural Engineering

Jomo Kenyatta University of Agriculture and Technology

09/2014 - 07/2019

Kenya

Courses

- BSc. Civil and Structural Engineering

WORK EXPERIENCE

Assistant Structural Engineer La Femme Engineering Services LTD

09/2019 - 12/2021

Kenya

The Company mostly did civil and structural engineering consultancy works and occasionally contractor's work.

Achievements/Tasks

- Designed Reinforced Concrete and Structural Steel structures, using both hand calculations and CAD (computer-aided design)
- Oversaw (supervised) construction of Reinforced Concrete and Structural Steel structures
- Generated 3D models using the latest BIM technologies such as Revit, ProtaStructures and Etabs

Contact : Engineer Zipporah Rotich - +254 722 517871

SKILLS

Python

JavaScript

CSS

HTML

SQL

Flask

SQLAlchemy

Relational Databases

AWS

Containerization

Docker

Kubernetes

Restful API's

PostgreSQL

Git

Unix Systems

Github

PERSONAL PROJECTS

Deployment and Containerization (10/2022 - 10/2022)

- In this project I containerized and deployed a Flask API to Kubernetes cluster using Docker, AWS EKS, CodePipeline, and CodeBuild.

Coffee Shop Application (09/2022 - 09/2022)

- I developed an application that required a user to login, in the event the login credentials were correct the user would be granted access to the application. The user was granted access to certain features of the application depending on the role assigned to him/her. I used Auth0 to take care of the authorization and authentication.

Trivia Application (08/2022 - 08/2022)

- I used my knowledge in the development of restful APIs and Unit testing to create a web application (trivia app) for playing quiz games

Fyyur Web Application (08/2022 - Present)

- I leveraged my knowledge in Object Relational Mapping and Relational Databases to develop the Fyyur Web Application
- Fyyur is a musical venue and artist booking site that facilitates the discovery and bookings of shows between local performing artists and venues. This site lets you list new artists and venues, discover them, and list shows with artists as a venue owner.

CERTIFICATES

Professional Certificate Nanodegree Program Full Stack Developer (07/2022 - Present)

Udacity ALX

EBK Certificate (01/2022 - Present)

Graduate Engineer membership, Engineer's Board of Kenya

LANGUAGES

English

Native or Bilingual Proficiency

Kiswahili

Native or Bilingual Proficiency