

# Dorothy Akoth

## Mid-Level Software Engineer/Mid-Level Back-end Engineer

Detail-oriented Python Developer with expertise in Django and FastAPI, specializing in building scalable RESTful APIs and backend systems. Proficient in database management, authentication, and performance optimization. Skilled at troubleshooting and enhancing system efficiency to deliver high-performance applications. Passionate about creating innovative, user-centric solutions. Thrive in fast-paced environments and collaborate effectively across teams to deliver clean, maintainable code. Committed to continuous learning and keeping up with emerging technologies to build impactful software solutions.

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## WORK EXPERIENCE

### Backend Developer

Jabulani For Youth Transformation

05/2024 - Present

Part-time (Contract)

### Software Developer (Full-Time)

MMI

12/2023 - 2025

Achievements/Tasks

- Designed, tested, and deployed a school system for Ethiopia and Somalia using PHP, MySQL, and CPanel. Ensured quality assurance through testing for an error-free and efficient user experience.

### Junior Back end Developer(Hybrid)

Untapped Global

03/2023 - 06/2023

Hybrid(Nairobi, Kenya)

Achievements/Tasks

- Actively engaged in conducting code reviews for the team
- Did manual testing and QA, wrote Unit test for microservices
- Successfully completed FastAPI course
- Learnt about Agile Methodologies use of Jira(scrum master, retrospectives and sprint planning)

### Junior Systems Developer(Fully-Remote)

BrainVerse Technologies

10/2022 - Present

Nairobi, Kenya

IT and consulting Company

Achievements/Tasks

- Managed to complete successfully more than three systems applications within 3 months.
- Developed my team-work skills by working in a close collaboration with 6 team members.
- Completed Alison Course in Php successfully, passed and got a certificate - <https://alison.com/user/pdf/3>

## EDUCATION

AKIRACHIX BOOTCAMP

02/2021

Nairobi-Kenya

SOFTWARE DEVELOPMENT

LAKEHUB ACADEMY

SOFTWARE DEVELOPMENT

10/2020 - 2020

KISUMU

## TECHNICAL SKILLS

Agile methodologies e.g scrum

Python

Django-RestFramework

ORM

Swagger UI

FastAPI

Redis-Server

SQL

SQL Server

MySQL

Ux-Research

UX-Design

Figma

Basic Linux Commands

Version Control

Microsoft Windows

Swagger

Nginx

Basic Php

Xampp Server

Postman

## PROJECTS

### Opspot

- Contributed to OpSpot a platform where you can search for properties and get a report on the selected ones.
- Contributed to OpSpot by writing JavaScript cookies code to enable a user save the carts even after visiting the OpSpot Web App
- Link to OpSpot: <https://opspot.clique.africa/>

### Saspacity WebApp

- Contributed to Saspacity web app a platform that mainly deals with saloons for beauties and cosmetics.
- used Python, Django, mysql and Redis server.
- Github link for contribution <https://github.com/Dorothy2020/brainverse-projects-saspacity-web-platform>
- WebApp: <https://saspacity.com/salons/search>

### Gym System

## REFEREES

### Brian Nyagol

CEO @BrainVerse technologies, Email: [bnyagol@brainverse.co](mailto:bnyagol@brainverse.co)

### Olivier Herlem

Data Lead @untapped Email: [olivierherlem@untapped-global.com](mailto:olivierherlem@untapped-global.com)

### Johanssen Obanda

Founder @ Jabulani For Youth Transformation, Email: [obandajohanssen@gmail.com](mailto:obandajohanssen@gmail.com)