BRANDON ODHIAMBO WAMBOGA

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Personal Details

Nationality : Kenyan

Gender   : Male

GitHub   : https://github.com/brandonladen/

Career Objective

Seeking a challenging and rewarding position as a software developer and make meaningful contributions in the Information Technology field. I have a passion for creating innovative and user-friendly solutions using my skills in programming and software development. I enjoy working collaboratively as well as independently and I am eager to learn from experienced professionals in the field.

Person Profile Statement

I am an articulate communicator with a professional discipline that can help companies achieve their goals. I am passionate about applying my knowledge and skills in a professional environment and growing as a developer. I am excited to bring my expertise to a new challenge

Achievements & Awards

5Th May 2023 – 7Th May 2023 I participated in the Maseno University Hackathon 2023, HealthIT. Together with a team of two, I gained real-life experience working with software. We implemented a face progression system based on the current age of the child from the age when the photo was taken and provided an API key endpoint. Our project was incubated as the winning system and later incorporated into CPIMS (uonafya).

3rd August 2023 - 4th August 2023 I had the privilege of participating in the CA Cyber Security Bootcamp and Hackathon Series 2023, Kisumu edition. During this event, we successfully overcame various challenges, effectively demonstrating our prowess in the field of cybersecurity, while also fostering a spirit of innovation. My team together with me secured position three.

22nd March 2024 – 24th March 2024 I participated in the Health IT Hackathon. Together with a team of three, I developed a solution leveraging data mapping techniques to determine the geographical coordinates (latitude and longitude) of villages. We enhanced the Digimal system by incorporating precise location information for effective planning, monitoring, and resource allocation. Our project facilitated data visualization with maps, providing valuable insights and enabling informed decision-making. Our project secured the second position in the hackathon.

Education

From 2021 To 2025	**Maseno University** Bachelor of Science Information Technology
January 2023 UpTo date (Sprint II)	**ALX - Africa** Software Engineering Program

Bengo Hub , Kisumu
Software Development

Relevant Courses

Computer Networks
Data Structures and Algorithms
Fundamentals of programming
Object-Oriented programming
Database Systems
Software Engineering
Dev Ops

Certifications

Cisco Certified: Introduction to Networks(CCNAv7)
Cisco Certified: IT Essentials
Maseno University leadership certifications three times.
CA Cyber Security Bootcamp certification from Communications Authority of Kenya.
Python certification from Bengo hub Kisumu
Introduction to digital labour platforms certification.

Skills

Python (Django), Vue Js, Git, MySQL, Java, C, C++, HTML/CSS, Linux

Projects

Smart Missing Persons Finder

This is a web-based application that facilitates the identification of missing persons through facial recognition.
It has a user interface as well as API endpoint.
Users can submit details of missing persons to a centralized database, when someone is reported missing.
By uploading an image to the search page, Users are able to search through the database to look for similar
persons. Utilizing opensource Image Recognition Models(i.e Facenet) available in the DeepFace library.

Geo Spatial Village

Developed a solution leveraging data mapping techniques to determine the geographical coordinates (latitude
and longitude) of villages. Enhanced the Digimal system by incorporating precise location information for
effective planning, monitoring, and resource allocation. Facilitated data visualization with maps, providing
valuable insights and enabling informed decision-making. For more info, check my portfolio under projects.

Experience

3rd May, 2024 -   **Moi Teaching and Referral Hospital**
31st July, 2024   Junior Developer
I worked as an assistant to the ERP system that served the whole hospital by assisting
staffs navigating through and reporting ERP Technical problems to senior developers.

August 2024 - Present	**SecreteStartups, UK** Backend Developer Developing and managing microservices using Node.js, MongoDB, Redis, Kafka, and Dapr. Designing APIs, including RESTful and GraphQL, with thorough documentation using Swagger. Implementing robust communication patterns and failover strategies for high reliability in distributed systems.

Reference

Mr. Gabriel Oliko - Maseno University

Lecturer at Maseno University School of Computing and Informatics
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Mr. James Chamwama - Maseno University

Lecturer at Maseno University School of Computing and Informatics
+254 722 399874

Nixon Manono - Moi Teaching and Referral Hospital, Eldoret

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