

# OLUWAFISAYOMI IGNATIUS Adesanya

- Computer Science Graduate
- Lagos, Nigeria
- <https://www.linkedin.com/in/oluwafisayomi-adesanya-09452922b>
- <https://github.com/Adesanya221?tab=repositories>
- +2348138784682
- Adesanyafisayo112@gmail.com

## Skills

Python Programming, Data Structures & Algorithms, Database Management (SQL & NoSQL), Web Development (Django, Flask, Next.js), Machine Learning (Scikit-Learn, TensorFlow), Computer Vision (OpenCV), Data Wrangling, Web Scraping, Cloud Computing (AWS, Azure), Software Engineering Principles, Git & Version Control

## Tools

VS Code, PyCharm, Git, GitHub, Docker, Python, SQL, JavaScript, HTML, CSS, Node.js, React.js, Next.js, Django, Flask, TensorFlow, Keras, OpenCV, BeautifulSoup, Selenium Web Driver, MongoDB, Firebase, AWS, Azure

## Professional Certifications

### Jobberman Soft-Skills Training

Jobberman • 2022

### The Complete 2024 Web Development Bootcamp

Udemy • 2023

### ALX Software Engineering

ALX • 2024

## Publications

### Maize Leaf Disease Detection Model Using AI

Publication Date

June 2024

Journal

International Journal of Machine Learning and Agricultural Applications (IJMLAA), Volume 7, Issue 3, pages 145-158

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<https://ijmlaa.iaescore.com/index.php/IJMLAA/article/view/145-158>

## SUMMARY

A highly motivated computer science graduate from Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Nigeria, with a strong foundation in software development, machine learning, and artificial intelligence. Proficient in Python and JavaScript, with hands-on experience in building and deploying web applications, as well as data-driven solutions. Demonstrated expertise in designing algorithms, data structures, and utilizing cloud services for scalable applications. Skilled in using libraries and frameworks like TensorFlow, Django, and React for full-stack development and machine learning projects. Seeking an opportunity to leverage my technical skills and contribute to innovative projects within a dynamic environment.

## CURRENT EXPERIENCE

### Front-End Web Developer | Foodie Company

February 2024 - Present, Lagos, Nigeria

- Integrated modern web development technologies and frameworks into existing web applications to enhance performance and improve user experience.
- Collaborated in development projects focused on upgrading or improving the user interface and functionality of the company's food delivery platform.
- Engaged in research and development activities to innovate and implement new solutions for optimizing website speed and responsiveness.
- Ensured that all web applications complied with industry standards and best practices, implementing security measures to protect user data and enhance platform reliability

## PREVIOUS EXPERIENCE

January 2024 - September 2024, Remote

ALX Africa - Software Engineering Program

- Gained proficiency in using Linux terminals and managing servers for software deployment and troubleshooting.
- Developed a project similar to Airbnb, focusing on full-stack development principles and applying object-oriented programming.
- Acquired skills in repository management and version control using Git, including branching, merging, and collaborative workflows.
- Mastered core software engineering topics such as data structures, algorithms, low-level programming, network protocols, debugging, and systems engineering.
- Worked extensively with C programming and Python, gaining a deep understanding of memory management, shell scripting, and API integration

March 2022 - September 2022, Ijebu Ode, Ogun State

Tai Solarin University of Education - IT Intern.

- Collaborated with the IT team to maintain and support the university's digital infrastructure, ensuring smooth operation of systems and software.
- Assisted in troubleshooting hardware and software issues, providing technical support for faculty and staff.
- Participated in brainstorming sessions with the technical team to develop solutions for IT-related challenges.
- Utilized Microsoft Excel for tracking IT system performance, maintaining records, and generating reports to enhance the efficiency of the university's IT services.

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March 2021 - December 2021, Ijebu-Ode, Ogun State

**Emagination Graphics Studio - Graphics Designer & Media Manager Intern**

- Designed visually engaging graphics for various projects, enhancing brand visuals and promotional materials.
- Managed social media content, driving engagement and visibility for the studio's online presence.
- Collaborated with the creative team to brainstorm and implement design concepts aligned with client goals.
- Utilized design software to produce high-quality visuals, ensuring consistency with brand standards and marketing objectives.

## LEADERSHIP EXPERIENCE

September 2024 – Present, Ogun, Nigeria

**Foodie Company**

**Head of Web Development and Front-End Development**

- Coordinated with team members to ensure maximum efficiency in project execution and alignment with company goals.
- Applied problem-solving techniques to streamline processes and accelerate solution generation.
- Assigned tasks based on team members' technical expertise and academic backgrounds to optimize productivity and project outcomes.

2021- 2024

**Olabisi Onabanjo University, Ago-Iwoye, Ogun State**

### **Head of Group forqQ**

### **-D Multiple Class Projects**

- Coordinated and supervised group projects in both theoretical and experimental areas.
- Communicated effectively with group members and instructors, ensuring timely completion and quality of deliverables.
- Demonstrated critical thinking skills in solving challenges.

2022-2023

### **Olabisi Onabanjo University, Ago-Iwoye, Ogun State**

### **Teaching Assistant in The Department of Mathematical Science**

- Collaborated with faculty on the development and enhancement of course materials, assignments, and laboratory exercises.
- Supervised laboratory sessions, ensuring safe and effective use of equipment, and maintained laboratory protocols.
- Assisted in the grading of assignments and provided constructive feedback to students to aid their academic development.

## **EDUCATION**

2021 - 2024

### **Olabisi Onabanjo University, Ago-Iwoye, Ogun State**

Bachelor of Computer science Science, 3.63/5.0

2013- 2020

### **Sacred Heart Catholic College • Ijebu-Ode, Ogun**

- Senior Secondary School Certificate • SSCE

## PROJECTS

### Maize Leaf Disease Detection Model Using AI

Academic Project • June – August 2023

- Designed and developed an AI-driven system for detecting diseases in maize leaves, leveraging advanced computer vision techniques to identify and classify common diseases in crops.
- This project demonstrated my expertise in computer vision, deep learning, and agricultural applications of AI, aimed at improving crop health monitoring and management.

<https://github.com/Adesanya221/Maize-Leaf-disease-detection-model-using-AI>

### Mobile App Development - Ongoing

Personal Project • May – December 2024

- I am currently developing a mobile app that can be used for food ordering and food delivery, this mobile app is being built with the react native framework with expo. I am using firebase to handle the backend technology making the app very versatile. You can check out the code base below on my GitHub account

### Real Estate Web-App Development

Personal Project • May 2023 – Present

- The real estate app is currently in the revamp phase. Majorly I collaborated with a team of developers and together we created a web app that can solve the house hunting issue in Nigeria. The web app is built with react for the frontend and firebase and python for the backend/server side. Currently it is offline due to the revamping process but this is the code base below.