

# MUSA ADAMU WAKILI

## PYTHON DEVELOPER / PRODUCT MANAGER



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No.5 Beside City Clinic, Bauchi, Bauchi State.

I am a qualified python developer and product manager with 3 years of experience in data science, web development, product management, strategy, development and design. I have strong creative, technical, writing and analytical skills. Collaborative team player with an eye for detail and leadership.

### EXPERIENCE

#### WORDPRESS DEVELOPER

Aug 2017- Dec 2018 | Africent Wireless

- Website Development using HTML, CSS.
- Project development using a content management system.
- Deployed the site on Heroku
- Worked on Project Documentation.
- Technical Writing and Clients Communication.
- Actively involved in the website Maintenance

#### STUDENT INTERNSHIP

Mar 2018 - Nov 2018 | DMS Software Lab ATBU, Bauchi.

- Learned Research and Project Management.
- Engaged in workshops and capacity-building programs (Research and Publications).
- Learned Programming and Business development
- Worked on Machine Learning Projects and Research.
- Took classes on Programming and Theoretical courses focused on Machine Learning.

#### STUDENT RESEARCH ASSISTANT

Nov 2018 - Feb 2020 | DMS Software Lab ATBU, Bauchi.

- I was a research student intern in Artificial Intelligence (AI), Machine Learning, and Chatbot development.
- I worked on Breast Cancer Histopathology images using deep learning.
- Tasked with research writing and analysis in Data Science.
- I was actively involved in reviewing journals in Artificial Intelligence.

#### NYSC-TECH INTERNSHIP

Jun 2021 - Apr 2022 | DMS Software Lab ATBU, Bauchi.

- I took Practical Programming classes (Python) and built
- I lectured on subjects like Data Structures, OOP, Data Science, and Machine Learning, in practical sessions.
- I worked with REST APIs in Python and built a Covid-19 chatbot (Django).
- I took practical web development classes using HTML and CSS
- I mentored over 15 students in programming and research.

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### CO-FOUNDER/ DEVELOPER/PRODUCT MANAGER

Feb 2022 - Present | Mind Colony LTD.

- Conduct day-to-day product coordination, planning, and implementation across multiple teams.
- Create Functional and Technical Application Documents
- Create Product Strategy and MVP requirements.
- Collaborated with teams other designers on the team.
- Translated ideas into requirements, user stories, wireframes, epics and a roadmap.
- Teaching Python Programming and Data Science.

### FULLSTACK INTERNSHIP

May 2022 - August 2022 | Zuri  
Ingressive4Good

- Website Development using HTML, CSS, and Javascript
- Backend Development Using Python (Django).
- Worked on a Project on MetaData Extraction in a team.
- Developed the Project Back-end Auth, Data Extraction, Dashboard, File Handling, Export, Download, and Templating.
- I Deployed the site using Heroku, AWS and NGINX
- Learned DevOps
- Worked on Project Documentation and Managed our Github Projects.
- I build our API using Django to extract the Metadata of All Files.

### HNGI9 INTERNSHIP: BACKEND DEVELOPER

Nov 2022 - Dec 2022 | HNG

- Successfully completed an internship at HNGi9, where I worked as a backend developer.
- Developed APIs using FastAPI framework to support the DreamBooth avatar generation project.
- Implemented a robust database solution using MongoDB to store avatar data.
- Utilized Docker for containerization and created scalable deployment environments.
- Deployed the application on Amazon EC2 instances, ensuring high availability and scalability.
- Implemented user authentication mechanisms to enhance the security of the application.
- Utilized S3 buckets for efficient storage and uploading of avatar data.

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UDACITY NANODEGREE: CLOUD  
DEVOPS ENGINEER

Oct 2022 - March 2023 | UDACITY

- Hosted static website on S3 and utilized CloudFront CDN
- Deployed high-availability web app with CloudFormation and diagram visualization
- Designed and implemented CI/CD pipelines with Ansible for auto-deployment
- Operationalized Machine Learning Microservice API with linting, Docker, and Kubernetes

# MUSA ADAMU WAKILI

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### EDUCATION

2008-2014

NIGERIAN TULIP INT'L  
COLLEGES, YOBE.

2015-2020

ABUBAKAR TAFAWA BALEWA  
UNIVERSITY, BAUCHI.

B. TECH (Hons.) Computer Science.  
Second Class Upper ( 2:1 )

### SKILLS

- Product Management
- Wireframe Creation
- Front End Development (HTML & CSS)
- Python Programming
- Backend Development (Django)
- Machine Learning
- API Development (Flask and FastAPI)
- Data Science and Analytics
- Problem-Solving
- Strong Communication
- Technical Writing
- Content Creation

### COMMUNICATION

Apr 2018- Jun 2018

DSC BOOTCAMP TRAINING  
CLUB (BAUCHI)

- Spoke on Machine Learning and its Applications at Google developers student club Bauchi

Dec 18 2021

DEVFEST 2021

- I spoke on the topic Passionate Programming and Essentialism at google developers festival Bauchi.

### VOLUNTEER

Oct 2019 - Feb 2020

MACHINE LEARNING DSC INSTRUCTOR  
ATBU, BAUCHI.

- Teaching and Exploring Machine Learning on campus.
- Organizing workshops and training sessions.

Dec 2019

PYTHON INSTRUCTOR (LOCAL HACK  
DAY BAUCHI 2019)

- Did a Two Day Seminar on University Campus.
- Teaching Python Programming and Chatbot Development using Twitter and Glitch.

May 2022

DSN AI INVASION HOST BAUCHI.

- Hosted the AI Invasion Program

### LANGUAGES

Hausa - Native

English - Fluent

Turkish - Fluent

### RESEARCH PAPERS

CLASSIFICATION OF BREAST  
CANCER HISTOPATHOLOGICAL  
IMAGES USING DENSENET AND  
TRANSFER LEARNING.

- <https://doi.org/10.1155/2022/8904768>

### REFERENCES

- Abubakar umar
  - Lecturer/Supervisor
  - Abubakar Tafawa Balewa University, Bauchi.
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