# ****Abdul-Sobur Ayinde****

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## ****Profile****

Python Developer with strong background in **Artificial Intelligence, Machine Learning, and Backend Development**. Experienced in delivering real-world AI applications such as **land-use classification in Zimbabwe**, **GeoBot chatbot for surveyors**, and a **home addressing system (IGeocode)**. Passionate about using Python to solve societal problems, with proven ability in both **academic research** and **practical projects**.

## ****Technical Skills****

* **Languages:** Python, JavaScript, SQL
* **AI/ML Tools:** TensorFlow, Scikit-learn, Pandas, NumPy, OpenCV
* **Backend:** Flask, FastAPI, REST APIs
* **Databases:** PostgreSQL, MySQL
* **Version Control:** Git/GitHub
* **Others:** Docker (basic), Data Visualization (Matplotlib, Seaborn), Agile/Scrum

## ****Experience & Projects****

**AI Land Use Classification (Zimbabwe)** – Python, ML, Research

* Conducted research and developed a **machine learning model** for classifying land use in Zimbabwe.
* Applied supervised learning algorithms and geospatial data analysis using Python.
* Authored a **research paper** presenting the findings and AI-based methodology.

**GeoBot (AI Chatbot for Surveying Students)** – Python, NLP

* Created a chatbot using **natural language processing (NLP)** techniques.
* Provides students with 24/7 answers to Surveying/GIS-related questions.

**IGeocode – Home Addressing & Land Verification System** – Python, Blockchain Prototype

* Designed a **Python-based addressing system** to ease land ownership verification in Nigeria.
* Planned integration with blockchain for **secure and transparent records**.

**IServe – Service Marketplace Platform** – Python, Flask

* Built a prototype platform connecting skilled individuals with clients.
* Implemented backend services using Flask & SQL.

## ****Education****

**Federal University of Technology, Akure (FUTA)**
B.Tech, Surveying and Geoinformatics (Ongoing)
2023 – Present

**Robotics and Artificial Intelligence Nigeria (RAIN)**
Ai/Ml,Python 2024

## ****Research Work****

* “Using AI and Machine Learning for Land Use Classification in Zimbabwe” — Research Paper, 2025

## ****Certifications & Training****

* Robotics & Artificial Intelligence Nigeria (RAIN) – AI/ML Training
* Python for Data Science (MOOCs & Projects)

## ****Referees****

**Available on request.**