

OYIBO Efetobor

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Objective

Innovative and solutions-focused Python developer committed to using technology to solve real-world problems. Skilled in backend development, data-driven applications, and AI/ML integration. Seeking to contribute to impactful software projects, particularly in machine learning and NLP.

Education

Bachelor of Engineering – Electrical and Information Engineering
Landmark University, Nigeria

Technical Skills

- Languages & Frameworks: Python, Node.js, Flask, HTML5, CSS3, React.js
- Databases & Tools: PostgreSQL, MySQL, Git, GitHub, Linux
- Libraries: Pandas, Scikit-learn, TensorFlow, Keras, Hugging Face Transformers, OpenAI GPT
- Machine Learning: Supervised Learning, NLP, Data Labeling, Data Wrangling
- UI/UX & Prototyping: Figma
- Other: RESTful API Development, ORM (SQLAlchemy), Version Control, Linux CLI

Experience

Intern – TotalEnergies Nigeria

March 2024 – August 2024

- Collaborated with a development team to create a CBT (Computer-Based Testing) web platform.
- Optimized backend performance using PostgreSQL for efficient data storage and retrieval.
- Worked cross-functionally to improve app usability and system reliability.

CTO – EssayKreek

August 2025 – Present

- Built an Edu-tech site that renders services to Businesses, Students & Universities
- Optimized the site for Scalability and Reliability

Projects

Offline Fund & Expense Management App

- Designed and implemented a student financial tracker tailored for offline use.
- Led backend development, optimized for low-resource environments, and maintained code quality across team contributions.
- Solved local infrastructure constraints by eliminating online dependencies.

ISS Tracker with Python

- Built a real-time International Space Station location tracker using external APIs and Python scripting.
- Applied principles of automation, API consumption, and data parsing.

Startup Shopping Site Backend (Prototype)

- Structured the backend logic for a startup e-commerce site using Python and PostgreSQL.
- Integrated user authentication and catalog features using Flask and SQLAlchemy.

Nigerian Currency Note Fake Detection System

- Developed a software-based system in MATLAB to detect counterfeit Nigerian naira notes using image processing.
- Integrated Optical Character Recognition (OCR) for accurate denomination recognition.
- Used Support Vector Machines (SVM) to classify currency notes as genuine or fake.
- Designed to be deployable in environments lacking access to physical verification tools.

Machine Learning & NLP Work

- Built NLP pipelines for classification tasks using Hugging Face Transformers.
- Applied Scikit-learn and Keras to train and validate supervised learning models.
- Developed sample chatbots using OpenAI GPT APIs for customer service simulation.
- Preprocessed and labeled datasets using Pandas and custom annotation scripts.

Professional Skills

- Effective Communication – Collaborative and adaptable, with a proactive and organized workflow.
- Problem Solving – Adept at identifying optimization opportunities and enhancing code efficiency under constraints.
- Remote Collaboration – Experience working in Git-based version control environments and Linux systems.

Environment & Availability

- Comfortable with Linux & Windows based development.
- Available from 08:00 - 17:00 (UTC+1)
- Reliable internet and remote work setup.