**Joshua Praise – Software Engineer**

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**Summary (Profile)**

+ Proficient in HTML, CSS, and JavaScript with a strong foundation in front-end web development.

+ Skilled in back-end development using Python and Flask, with experience building full-stack web

applications.

+ Experienced in developing and deploying machine learning and AI models to solve real-world problems

+ Keen eye for UI/UX design, dedicated to creating seamless and intuitive user experiences

**Skills**

+ Front-End: HTML, CSS, JavaScript

+ Back-End: Python, Flask , Django

+ Machine Learning & AI: Proficient in building and deploying ML/AI models (e.g., TensorFlow, scikit-learn) and Large Language Models

+ Design: UI/UX Design

**Work Experience**

+ Feldor Technologies, Intern (2023) – Abuja, Nigeria

+HiiT training Center, intern(2024)-Lagos, Nigeria

+ Developed web applications using Flask for the back end and HTML/CSS/JavaScript for the front end.

+ Implemented the machine learning component of the “Foresight” healthcare project, which

diagnoses illnesses.

+ Built a comprehensive school management system using Flask to streamline administrative tasks.

+ Created multiple ML/AI projects, including a house price prediction model, a heart disease prediction model, and a movie recommendation system.

**Education**

**B.Sc. in Software Engineering**, Veritas University, Abuja, Nigeria (2022–2026 expected)

Relevant Coursework: Machine Learning, Artificial Intelligence, Data Structures, Web Development

**Certifications**

Certificate of Participation – Veritas University 2023 Software Exhibition and Competition Certificate of Participation – Technology and Expo Innovation 2024

HiiT Institute Certification in Python Programming

**Projects**

**Maize Plant Disease Detection System:** Developed a convolutional neural network using Python

and TensorFlow to identify diseases in maize plants from images, achieving high classification

accuracy.

**LLM Chat bot for Farmers:** Built a transformer-based language model chat bot to assist farmers with agricultural inquiries, providing recommendations on crop care.

**Healthcare Diagnostic Model:** Developed an ML model to aid in diagnosing medical conditions

from patient data, improving early detection of key illnesses.

**House Price Prediction System:** Created a regression model using machine learning (sci kit-learn) to predict real estate prices from historical market and property data.

**Sentiment Analysis Model:** Constructed a sentiment analysis tool using NLP to classify text (e.g.,

tweets) as positive or negative. Trained on ~1 million tweets and achieved ~90% accuracy

**Movie Recommendation System:** Implemented a collaborative filtering recommendation engine to suggest movies to users based on viewing history.

**License Plate Detection System:** Designed a computer vision system using OpenCV and ML to

detect and recognize vehicle license plates from images.

**JoenwaezeManagementSystem:** Designed a web application to market the key functionalities of the company like the products being sold, locations and increased transparency .

**References**

**Mr Samuel Egwu**

**Veritas University**

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