

CHIDUBEM BRIGHT ONUBOGU

Developer/Ai specialist

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📍 Lagos, Nigeria

PROFESSIONAL SUMMARY

Analytical and innovative Computer Science graduate and Front-End Developer with a strong foundation in Artificial Intelligence, Machine Learning, and Data Analysis. Experienced in building responsive web applications and intelligent systems using React, Python, TensorFlow, and Scikit-learn. Skilled in developing scalable SaaS platforms, integrating APIs, and delivering data-driven solutions. Certified in Ethical Hacking (EC-Council) and AI/Machine Learning (New Horizons), combining secure coding practices with modern frontend development to create efficient and impactful digital products.

- Develop and maintain responsive web applications using **React, HTML, CSS, and JavaScript**.
- Collaborate with UI/UX designers to translate design concepts into functional, user-friendly interfaces.
- Optimize website performance, accessibility, and cross-browser compatibility.
- Integrate frontend applications with backend APIs and third-party services.
- Contribute to scalable SaaS-style web platforms and modern digital product development.

EXPERIENCE

Front-End Developer, *Ferrn Creative Agency*

01/2026 – Present

- Develop and maintain responsive web applications using **React, HTML, CSS, and JavaScript**.
- Collaborate with UI/UX designers to translate design concepts into functional, user-friendly interfaces.
- Optimize website performance, accessibility, and cross-browser compatibility.
- Integrate frontend applications with backend APIs and third-party services.
- Contribute to scalable SaaS-style web platforms and modern digital product development.

AI/Machine Learning Intern, *New Horizons Learning Center*

2024 – 2025

- Conducted data preprocessing and exploratory data analysis (EDA) to identify trends and prepare data for model training.
- Built and optimized supervised and unsupervised learning models using Python, TensorFlow, and Scikit-learn.
- Supported the development of AI solutions to improve model accuracy and operational efficiency.
- Collaborated on small-scale projects that applied data insights to real-world problems, strengthening understanding of predictive analytics.

IT Intern (Networking Assistant), *OKK Networking Firm*

2024 – 2024

- Assisted with installation and configuration of computer systems and security devices across client networks.
- Supported cybersecurity assessments and troubleshooting of network connectivity issues.
- Contributed to the setup and testing of secure LAN environments, improving network reliability and security performance.

EDUCATION

B.Sc. Computer Science, *Chrisland University, Abeokuta*

2025 – 2025

Graduated: 2025

TECHNICAL SKILLS

Programming

Python, SQL, React, HTML, CSS, Javascript

Machine Learning

TensorFlow, Scikit-learn, Pandas, NumPy

Software Tools

Jupyter Notebook, VS Code, Microsoft Office Suite, Flask

Data Analytics

Excel, Power BI, Data Visualization (matplotlib), EDA

Cybersecurity

Ethical Hacking Fundamentals, Penetration Testing Basics

Operating Systems

Windows, macOS, Kali Linux

HOBBIES & INTERESTS

- Technology & Innovation
- Football
- Research & Continuous Learning
- Gym & Fitness

PROJECTS

AI Facial Recognition System for Home Security

- Designed and implemented a real-time facial recognition security system using a hybrid CNN and Siamese Neural Network (SNN) architecture for identity verification.
- Trained models using triplet loss with anchor, positive, and negative image datasets to improve face-matching accuracy.
- Integrated OpenCV for live camera capture and automated email alerts for intruder detection.
- Deployed the system with Streamlit for real-time monitoring and inference.

Sports Outcome Prediction System

- Built a machine learning system to predict sports match outcomes using historical performance data.
- Performed data preprocessing, feature engineering, and model evaluation to improve prediction reliability.
- Delivered predictions through a user-facing interface for practical analytics use.

E-Marketing Business Website

- Designed and developed a complete e-marketing website using HTML, CSS, and JavaScript.
- Implemented responsive layouts, branding elements, and call-to-action flows to enhance user engagement.
- Optimized the site structure for business visibility and customer conversion.

Crypto Price Prediction & Live Tracking System

- Developed a crypto analytics system combining machine learning price prediction with real-time market data.
- Built a Flask backend to handle live API data, predictions, and frontend communication.
- Implemented secure routing, error handling, and JSON-based responses.

Weather Prediction System

- Created a machine learning model for weather forecasting using historical climate data.
- Applied data cleaning, feature selection, and model tuning to improve forecast accuracy.

- Presented prediction outputs through a web-based interface.

Gym Performance / Membership Prediction System

- Built a predictive system to analyze gym performance or membership trends using machine learning.
- Conducted data analysis and model training to support data-driven fitness management decisions.
- Delivered actionable insights through model predictions.

Chatbot Application

- Developed an end-to-end NLP chatbot using TensorFlow, Keras, and NLTK.
- Trained an intent classification model and implemented response handling logic.
- Resolved deployment and model-loading issues to ensure reliable runtime performance.

Student Performance Prediction

- Developed a machine learning model to predict student academic outcomes using demographic and academic data.
- Applied data preprocessing, correlation analysis, and model evaluation to improve prediction accuracy.

Network Security Simulation

- Simulated a secure LAN network incorporating firewall configurations and intrusion detection concepts.
- Strengthened understanding of network integrity, system protection, and access control mechanisms.

CERTIFICATIONS

Certified Ethical Hacker (CEH)

Artificial Intelligence & Machine

EC-Council Learning New Horizons

Learning Center